THE
OXYRHYNCHUS PAPYRI
PARTXXIV

LOBEL, ROBERTS, TURNER, BARNS

PUBLISHED UNDER THE AUSPICES OF THE FEDERATION INTERNATIONALE DES ASSOCIATIONS D'ETUDES CLASSIOUES, AND WITH THE ASSISTANCE, ON THE RECOMMENDATION OF THE CONSEIL INTERNATIONAL DE LA PHILOSOPHIE et des sciences humaines, of a SUBVENTION FROM U.N.E.S.C.O.

# THE <br> OXYRHYNCHUS PAPYRI 

## PART XXIV

EDITED WITH TRANSLATIONS AND NOTES
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## PREFACE

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For this Part Mr. Lobel has marshalled the tattered and difficult fragments, both of text and scholarly commentary, of Laconian poetry published under nos. 2387-2397 and a newly identified scrap of Callimachus (2398). The transcription and account of the Terence leaves (2401) are the work of Mr. C. H. Roberts. Professor Otto Skutsch of University College, London, has given valuable assistance in their critical assessment. Turner has taken for his share the new theological texts 2383-2386, two new prose texts, 2399 and $\mathbf{2 4 0 0}$, the known texts of Aristotle and Aeschines 2402-2404, and the house plan 2406. The scholia minora found in 2405 and all the documents are the work of the Rev. Dr. John Barns.

Thanks are due to Dr. P. Walcot, of the University College of Wales, Cardiff, for compiling the index to Mr. Lobel's section; to U.N.E.S.C.O. for a grant of five hundred dollars towards the cost of publishing this very expensive work; and to the staff of the Oxford University Press for their care in its production.
E. G. TURNER
T. C. SKEAT

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## NOTE ON THE METHOD OF PUBLICATION AND ABBREVIATIONS

The method of publication follows that adopted in Part XXII. As there, the dots indicating letters unread and, within square brackets, the estimated number of lost letters are printed, in the case of the new literary texts, edited by Mr. Lobel, slightly below the line. Elsewhere, throughout, the more usual practice is followed, the dots being printed on the line. Furthermore, in the new literary texts, corrections and annotations which appear to be in a different hand from that of the original scribe are printed in thick type. Non-literary texts are printed in modern form, with accents and punctuation, the lectional signs occurring in the papyri being noted in the apparatus criticus, where also faults of orthography, \&c., are corrected. Iota adscript is printed where written, otherwise iota subscript is used. Square brackets [] indicate a lacuna, round brackets () the resolution of a symbol or abbreviation, angular brackets $\rangle$ a mistaken omission in the original, braces $\}$ a superfluous letter or letters, double square brackets [[] a deletion, the signs '' an insertion above the line. Dots within brackets represent the estimated number of letters lost or deleted, dots outside brackets mutilated or otherwise illegible letters. Dots under letters indicate that the reading is doubtful. In the new literary texts letters not read or marked as doubtful in the literal transcript may be read or appear without the dot marking doubt in the reconstruction if the context justifies this. Lastly, heavy Arabic numerals refer to Oxyrhynchus papyri printed in this and preceding volumes, ordinary numerals to lines, small Roman numerals to columns.

The abbreviations used are in the main identical with those in Liddell and Scott, Greek-English Lexicon (ninth ed.). It is hoped that any new ones will be selfexplanatory.

## THEOLOGICAL FRAGMENTS

2388. Gospel according to St. Luke xxii

$$
5 \times 8 \cdot 5 \mathrm{~cm} .
$$

Third century. Plate
Fragment of a leaf of papyrus codex containing on the recto side Luke xxii 41 and $45-48,42-44$ being omitted, and on the verso side xxii $58-6 \mathrm{x}$. On the recto the ink is almost effaced and the text is readable only with difficulty. The handwriting consists of rough rounded capitals of moderate size, of the type found in a good documentary hand rather than in a literary hand. It is of the same general character but more formal than that found in the Dictys of P. Teb. 268, or the petition P. Lond. Inv. 2565 (JEA xxi (1935), plate opp. p. 224), less formal than the generally similar Africanus hand of 412. All these examples are dated more or less securely to the middle of the third century, the period to which this scrap should no doubt also be assigned. Comparison is also worth while with 2, a papyrus codex of Matthew which is now usually dated to the third century. The scribe uses no punctuation. Nomina sacra are found as follows: $\overline{\eta \nu} 1.13, \overline{a[\nu] \epsilon} 1.21$; and $\overline{\alpha \nu \epsilon}($ and $\overline{\kappa \nu})$ are needed for restorations in 11.16 and 26 respectively.

Each line appears to have contained between 20 and 26 letters, $23-24$ being the commonest number. Between the last line of the recto and the first line of the verso about 780 letters are missing if we suppose the scribe to have omitted nothing. This is equivalent to, say, $35-36$ lines. If each leaf held only a single column, each column would be of $48-50$ lines, with a height of over 28 cm . and a width of 15 cm . This is the most likely hypothesis. For apart from the rarity of papyrus codices of the Gospels with two columns to the page, the empty space on the right-hand side of the recto and the left-hand side of the verso is most naturally interpreted as the margin of the leaf, so that even if the page held two columns, the two columns that survive are in fact consecutive. If the space does not represent the margin of the leaf but an intercolumnar space, the missing intermediate section has to be divided between three columns, and the height of these could hardly be more than the 8 cm . of the surviving portion, an unlikely format.

Since nowhere does more than a third of the length of line survive, the text offered here is a work of reconstruction based on the necessity for a line of $23-24$ letters mean length. In its formation I should like to acknowledge the help derived from the suggostions and criticisms of Professor Hollis W. Huston, of Southern Methodist University, Dallas, Texas, who also made useful suggestions for 2884 and 2385. The text is idiosyncratic. Some of its peculiarities may be due to mere error on the part of the scribe. Certainly he commits faults of omission (11. 3-4 n.), and he may be


11．5－6）of what was intended as a correction or gloss．But a number of points remains， not all imputable to careless copying．Some consist in the omission of a single word or the addition of a name，others in a variation of word order．An interesting variant is that in v．6I according to which when the cock crew after Peter＇s denial，Peter turned and looked at it．The scribe＇s large omission on the recto is easier to explain （11． $3-4 \mathrm{nn}$ ．）if his exemplar did not in fact contain vv．43－44，the incident of the appearance of the angel and of the bloody sweat．This question apart，the papyrus lines up with none of the well－known groups．It contains three examples of charac－ teristic $D$－readings（11． $13,16,27$ ），but these are counterbalanced by cight disagreements with D．Unimportant agreements with Kenyon＇s a group are found at l．a6，with his $\beta$ group at l． 26.

The papyrus has been assigned the number $\mathfrak{p}$ go．

## Recto

$$
] \cdot[\cdot .]] \cdot[
$$

$\omega \sigma] \epsilon \iota \lambda_{\ell} \theta o v \beta[0 \lambda \eta \nu]$
xxii $4 x$


5 pєv avtovs $\kappa \alpha \theta \epsilon v]$ govtas кон
$\mu \omega \mu \epsilon \nu 0 v s a \pi \sigma \tau \eta] s \lambda \nu \pi \eta s[\kappa] \alpha \iota$

$\tau \epsilon$ ара．отаитєs $\pi \rho]$ ］p甲evхєя $\theta \epsilon$
$\iota v a \mu \eta \epsilon \epsilon \sigma \epsilon \lambda \partial \eta \tau \epsilon \epsilon \iota s \pi \epsilon \varphi \mid] \alpha \sigma \mu \rho \nu$
10





Iovסa \＄cil $\lambda \eta \mid$｜$\mu a r \iota$

o $\delta \in \epsilon \iota \pi \epsilon \nu \overline{a \nu \epsilon}$ оик єє $\mu \iota$ каи $\delta \iota-$
 pı $\zeta \epsilon \tau о ~ \lambda \epsilon \gamma[\omega \nu \epsilon \pi$ а $\lambda \eta \theta \epsilon \epsilon \alpha s$ кац очтоs $\eta \nu \mu[\epsilon \tau$ autov ка⿱ үар $\Gamma$ Г－
 $a[v] \epsilon$ оvк oน $[\delta \alpha$ o $\lambda \epsilon \gamma \epsilon \epsilon s$ кац єть
 єфшข ${ }^{\prime} \sigma \epsilon \nu[a \lambda \epsilon \kappa \tau \omega \rho$ каı $\sigma \tau \rho a-$ $\phi \epsilon \iota s$ o $\prod_{\epsilon \tau \tau}\left[0 s \in \tau \epsilon \beta \lambda \epsilon \psi_{\epsilon \nu}\right.$ au－
$25 \tau \omega \tau \sigma \tau \epsilon\left[\nu \pi \epsilon \mu \nu \eta \sigma \theta \eta \circ \Pi_{\epsilon \tau \rho \circ}\right.$ Tov $\rho \eta \mu[a \tau o s ~ \tau o v ~ к v ~ \omega s ~ \epsilon i v e \nu ~$
 $\mu[$ epov

I The merest traces．
3 The ending cannot be read as eix $\chi \hat{\eta} s$ ，that is，as part of v ． 45 ．
 ras，which is too long for that ine．Part of the clause must therefore have fallen in the previous line， and the presence of two horizontals（thic rest of the ink being entirely rubbed away）in a position consis－
 кai before ithouv．If is assumed that the scribe＇s eye travelled from mpoomúxero v． 4 I to mpoosuxīs v 45．Such an omission by homoeoteleuton is plausible only if the interval jumped is not too great． Assuming the exemplar also had lines of $c, 25$ letters and did not contain vv．43，44，these two words could have occurred at the ends of lines four lines apart．If vv． 43 and 44 were in the exemplar，the distance betwecn these words would have been eleven or twelve lines and the explanation loses in plausibinty．It looks，thercefore，as though these verses were omitted in the exemplar，as they are in ${ }^{\wedge} \Lambda B N R T W$（13，69，124，346，733，788，826） 47348 48 579 1077世 f Sy＇Sa Bo．

7 The line is three or more letters short，but there is no MS．authority for extendin．

 a curving sign，meaning unknown．

12 alj $\ddagger$ Tjows，as KABDLRTX $\Delta \Theta I T$ ，airois $\Gamma \Lambda$ al．








 cett.


 av่тồ cett. ( (גa入. той Пérpov KMП al.).
 cett. O29 has $\dot{\delta}$ ZIetpos $\kappa \in$ instead of $\kappa$ úpos or $\overline{\text { Ijs. }}$. The papyrus reading is idiosyncratic. The reading $\Pi_{\epsilon \tau p}\left[\begin{array}{c}\text { cos } \\ \text { prean hardly } \\ \text { be doubted, for the } \pi\end{array}\right.$ is clear even though the later letters are only partially at it' (the cock). Just possibly the scribe has omitted by haplography part of a longer formulation
 the end.

25 тóтє: каl บ̀ $\pi \epsilon \mu \nu \eta(\sigma 0 \eta$ cett.

27 aivề $\pi p i v$ as D it pler, add ör before $\pi \rho l \nu$ cett.
 ger . Of the $\mu$ of [ov] $\mu$ [spor] the upper blobs of both verticals remain, and the reuding is fairly

2384. Gospel according to St. Matruew xi, xii
$3.7 \times 3.5 \mathrm{~cm}$.
Third/fourth Century.
This tiny scrap of a papyrus book offers on the verso a few words from the beginnings of lines of Matthew xi 26-27, and on the recto from the ends of lines of xii 4-5. There are one or two points of textual interest. The scribe, writing in a black carbon ink, makes medium to large upright, squarish letters in an informal but fastidious manner. Horizontal strokes are fine, the verticals tend to be rounded, a is narrow, o tiny and, like $\omega$, usually on the line, below which the tail of $\nu, \rho, \tau$ extends. The hand may be compared with that of 847 and 1224 and assigned to the late third or early fourth century. There is one example (l. $4 \pi \eta p$ ) of a nomen sacrum, though others are required for restoration. The length of line varies between 21 and 25 letters (usually 23). About 500 letters are missing between the'end of the verso and beginning of the recto, that is about 22 or 23 lines. A single column of 28 to 29 lines would have been about $x_{4} \mathrm{~cm}$, high, to which, no doubt, ample margins should be added. The papyrus has been assigned the number $p 70$.

Verso
$[\epsilon \mu] \mid \pi \rho \varrho \rho[\theta \epsilon \nu$ ооv таขта $\mu$ оє тарє-

8єts $\gamma$ [เขшoкel тov vion at $\mu \eta$


## work[ea

xi 26, 27
2384. GOSPEL ACCORDING TO ST. MATTHEW XI, XII

## Recto

$$
\kappa a \iota \tau o v s] a \rho-
$$

xii 4



$\sigma \iota \nu$ मovoเs $\eta$ оบк $\alpha \nu \epsilon \gamma] \nu \omega \tau \epsilon ๔ \nu$
$\tau \omega \nu о \mu \omega$ оть $\epsilon \nu \tau \omega \sigma \alpha \beta \beta] a \tau \omega[$.



 sion than o[ $\hat{v} s]$. For $\hat{o}$ BDW 22 fam. $13543 \mathrm{dff} \mathrm{ff}^{2} \mathrm{kq}$ aur Syc pesh Aeth Arm; ovis remaining uncials, most minuscules (a) b cf ffr $\mathrm{g}^{1} \mathrm{hlvg} \mathrm{Syr}^{41} \mathrm{Cop}^{\text {sa }} \mathrm{bo} \mathrm{Geo}$ Or
 293 I354 l48 d).
2885. Gospel according to St. Matthew xix $5.0 \times 9.5 \mathrm{~cm}$.

## Fourth century

Papyrus codex, preserving parts of five lines from the foot of a column, on the recto of Matthew xix ro-mi, on the verso of xix $17-18$. In so far as can be observed from so small a sample the text is close to that of the Vaticanus. In handwriting, too, the papyrus is not unlike the Vaticanus. The scribe, using an ink that has now turned brown, writes a largish round uncial with some pretensions to style. A certain informality, however, appears in the lightness of the hand, in the absence of terminal dots (e.g. on the cross-bars of the $\epsilon$ ), and in the different sizes of the letters. The same letter is made now small, now larger (e.g. $\sigma$, the length of the cross-bar of $\tau$ ) and there are marked variations between different letters (note the small $\gamma$ ). The papyrus should probably be assigned to the fourth century rather than the fifth. A rougher example of the same kind of hand in a theological text is to be seen in 1600, assigned by its editors to the fffth century. No nomen sacrum is found in the surviving portions, but $\overline{\alpha \mu o v}$ seems to be required for restoration of 1.3. The length of line on the verso is between $x 6$ and $x 9$ letters, on the recto between 19 and 24 (but cf. l. in.). About 550 letters are missing between the end of the recto and beginning of the verso, say 26-27 lines, which would give a column totalling $3^{I-32}$ lines, if we assume these to be successive columns. The papyrus has been assigned the number p $p r$.

## Recto

## $[\lambda \epsilon-]$

xix ro
$[\gamma o] v[\sigma \iota v] a v[r \omega]$ of $\mu a[\theta \eta \tau \alpha$

$[\mu \in \tau \alpha \sim] \eta s$ уvvakos［ov $\sigma v \mu$



## Verso

$[\epsilon \iota \epsilon] \mid \theta[\epsilon \lambda \epsilon \iota s \epsilon \iota ร \tau \eta \nu \zeta \omega \eta \nu$

то入as $\lambda \epsilon \gamma \epsilon \iota$ мит $[\omega$ molas


$$
\sigma \eta S \text { ou } \mu 0 \iota \chi \epsilon v \sigma \epsilon \iota[S
$$

I It is not easy to reconstruct the line arrangement on the recto．a in l． 3 appears to start in line，for any preceding letter should be visible．Thaking the man length of line on the recto to be 20 or 2 I letters（longer than on the versu），und assuming that whe tines were of equal kength，one has the choice of making l． 3 （a）extend much farther to the right than the remamer，（b）be inset，（a） project into the lefthand margin．There are other（b），anart from the lack of paluergraphical parallels

 the easiest recon beiner regarded as the lirst inmortame words of the new section which began at．
 itself（as in I）（e）．（＇projects the a of aurê），on the primiple of projeding the lirst hetter of the first complete line alter the section，a prinejple apparently used alsi）in P．Mage．p（o4（C．II．Roberts， ITTR xlvi（1053），pp． 233 se»4．）．
 papyrus had the former．
3 方 airla cett．The omission of of is due to haplugraphy and tonfusion with preceding $v$ ．
\＆Thper，for space reasons，wilh 131） 565 ；rip
 543 ：einer cett．After od an empty gipace，which is probably merely a fault in the papros avoided by the seribe．

II 1 ．фovaúars．
2886．PSALMS $8_{3}(84) \cdot 8_{1}(85)$

$$
13.5 \times 12.5 \mathrm{~cm}
$$

Fourth or tifth century，
Fragment of a papyrus roll containing on the recto the end of Patm $8_{3}\left(g_{4}\right)$ and the beginning of $84(85)$ ．On tho verso（in at different hand and upside down in relation to the recto）are a few leters from three lines，perhaps part of a private letter．The writing on the recto is in fairly large，squarish letters which have a slight slope to the right in a style midway between a formal and a cursive hand．Other representatives
of the style are 1078 which is assigned to the fourth century and 1603 which is assigned to the sixth．This text should probably be placed in the fourth or fifth century． The psalms are not written stichometrically as in 1226，but the ends of aríoo are shown by two oblique strokes．A line drawn right across the column separates one psalm from the next．Nomina sacra are $\overline{\theta_{v}} 1.7, \bar{\theta}_{s} 1.9$（but the hybrid $\overline{\theta_{e o s}} 1.3$ ），$\overline{\kappa \epsilon}$ ll．II，$I_{3}, \overline{\chi[0 v} 1$ ．4．The text，which is in general free from errors and sides twice with $B$ ，three times（probably）with $\mathcal{K A}(R) T$ ，has been collated with that of H．B．Swete， The Old Testament in Greek（Cambridge 189r）．It has been assigned Rahlfs number 2070.
$[\delta \nu \nu a]\left[[\mu \epsilon \omega \nu \text { єเซакоvбоv } \tau \eta]_{s} \pi \rho о \sigma \epsilon \cup \chi \eta s \mu[o v\right.$
$\epsilon \nu \omega \tau \iota \sigma \alpha \iota$ o $\left.\overline{\theta_{S}} I \alpha \kappa\right] \omega \beta / \delta \iota \alpha \psi[a(\lambda \mu a)] \quad[$


o］$\tau \iota \kappa \rho \iota \sigma^{\sigma} \omega \nu \eta \mu[\epsilon \rho \alpha] \mu \iota \alpha \in \nu$ тaus $\alpha v[\lambda] a \iota s \sigma[o v$ $v] \pi \epsilon \rho \chi \iota \lambda \iota \alpha \delta a s \notin \xi \in \lambda \epsilon \xi \alpha \mu \eta[\nu] \pi \pi \rho[\alpha \rho \iota \pi-$
$\tau \epsilon] \sigma \theta a \iota \epsilon \nu \tau \omega$ оикш тоv $\overline{\theta v} \mu о v / \mu \alpha \lambda[\lambda о \nu \eta$ оккєь


 $\epsilon \nu$ ака］к८a $\overline{\kappa \epsilon} \tau \omega \nu \delta \nu \nu \alpha \mu[\epsilon \omega \nu \mu а к а р \iota 口$ о

2 om. Sud́quà $\mu a \mathrm{AT}$.
4 ब $\pi \mathfrak{l} \mathrm{l}$ ： $\boldsymbol{\epsilon} \mathrm{l}_{5} \mathrm{~T}$ ．

 olkeiv add，$\mu \mathrm{E} \mathbb{N}^{\mathrm{c}, \mathrm{a}} \mathrm{RT}$ ．



12 The end of the line，amounting to between ro and 14 letters，could have contained a sticho－ metrical note，or an abbreviated colophon；but there is not room for the full title of this psalm，els
 at the end of each psaim，with the number at the beginning ； 1852 puts number and title at the begin－ ning．In this text it is probable that the numbers stood at the beginning，cf．next line．
I3 The restoration eúסóк $\quad \sigma \sigma]$ ］s is two letters too short．It is probable，therefore，that the number $\pi \delta$ preceded．

I4 The traces are too slight for identification，but could perhaps be reconciled．with［т $\bar{\nu}$ atx $\mu a-$ $\lambda \omega \sigma$ аи $I a] \kappa \omega[\beta$ ．

## NEW CLASSICAL FRAGMENTS

## 2887．Axcman，IfapOévra

Verses in which the dialect，or rather dialectal mixture，including vocabulary and accentuation，the metre，and，so far as it can be grasped，the content are so well in accord with what we can ourselves observe or are told about the poetry of Alcman， are naturally attributed to that author and I do not expect anybody to quarrel with the attribution to him of the following fragments，although there is no comedidence with anything of which his authorship）is assured and although it secems that even in antiquity there was some doubt or a doubt of some sort attaching to at least part of what is preserved in this manuscript．Moreover，since he is credited with map 0 © $\nu(\epsilon)$ a （Steph．Byz．in＇Epucixך，Plut．Mor， 136 r， 2889 fr． 9 i9），it is not rash to suppose that frr．$x$ and 3 belonged to them．${ }^{1}$ The speaker in both these fragments，like the speaker in the Louvre piece，seems to be a female member of the chorus and，in fr． 3 ，to be singing the praises of another member of the chorus．

The metrical structure of the piece contained in frr．I and 3 can be established with fair certainty．Like the Louvre parthenion，it was a monostrophic composition， the unit in this instance consisting of nine lines．IEnough of the papyrus is preserved to show that it was subdivided，with what authority I do not know，by paragraphi at every third line，every ninth being marked by a coronis as well．Partly by direct olservation，partly by reasonable inference，the following scheme is arrived at：

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*
-v[-]u-w-0-0h
-u--..n- - -m 
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```
---vいニ-v|-0-u - 
-[] ]u-
```





On these lines the following olservations may be made．The first，seventh，and eighth are the same as the thirteenth of the stanza of the lomvre parthenion，but whereas there the last short is always cither a short opent syllable followed at the beginning of the next line by a single consonant or a short closed sylfethe followed by
I The ancient references to the arrangement of Aleman＇s poems are full of ambighities which 1 cannot resedve and this is not in any case the place to discuss．As a working hypothersis 1 mhemat
 ăcpara，and a sixth called Kodupfücas，contioning perhaps only ono pieces but this is an unverifiable guess．
a vowel，here we also find a long open syllable followed by a vowel（потьб́िкєтаĭ $\mid$ ovi $\delta$ fr． 3 ii 2 seq．，$\lambda a ́ \beta o \iota \mid a t \psi a$ ibid． 20 seq．，and therefore presumably á $\mu \epsilon i \beta \epsilon \tau a \check{i}$ ibid． 4 $\phi$ lhoč ibid．19．Other hiatus，like irrationality，is not found．${ }^{1}$

There is no discernible example of a spondee＇s standing for a dactyl in the first line of any stanza（which is not to say it might not have occurred or might not be admissible），but this substitution is found in the seventh and eighth lines，in fr． 3 ii 2 in place of the first dactyi，ibid． 19 in place of the second，ibid． 20 in place of the third．It is not certain whether in fr． 3 ii 19 it did not occur in place of the third as well as of the second．In the Louvre parthenion it occurs twice，both times in place of the first dactyl，but both times a proper name is involved．

The second，third，and fourth lines，trochaic dimeters，the last catalectic，are also used in the stanza of the Louvre parthenion．The acatalectic occur together，in the eleventh and twelfth，as they do here，but with the difference that there there is elision between them（col．i 18 seq．），in our piece hiatus（fr． 3 ii 5 seq．）；the catalectic separately，in the first，third，fifth，and seventh．Resolution occurs twice in the Louvre parthenion，coll．i 2 ，ii 22 ，not at all in 2387.

In the three examples preserved the fifth line has a break after the sixth syllable， but I am not certain whether this is fortuitous or significant，since the second，fourth sixth，and eighth lines of the Louvre parthenion stanza，which differ only in having one trochaic metre instead of two，show a good percentage of word－endings after the fourth syllable，which can hardly be significant，but might have appeared so，if that piece had been no better preserved than this．
 remains of Alcman；the corresponding last verse of the Louvre parthenion stanza is $-\infty-v u-u v-$ in the first three and the seventh instances，－uv－uv－u－－in the fourth，fifth，and sixth．

The text is written in a highly stylized upright uncial which has affinities with 1790 and may be assigned to the latter part of the first century b．c．or the earlier of the first century A．D．To judge by the perceptible difference in thickness of stroke the lection signs proceed from at least two hands，one of them possibly that of the copyist．Not less than three，and perhaps as many as five，different hands may be recognized in the marginal and interlinear additions．The note at the top of fr． $\mathbf{r}$ may well belong to the first century A．D．，the two in different hands in the margin of fr． 3 i may likewise be about contemporary．
${ }^{r}$ Unless it occurred in fr．$x, 6$.


Fr. $x_{3}$ marg. After $t$ two or three cursive letters, heyomel which the upper right-hund are of a circle or an upright with a circumflex above und to left 5 .., four traces on a single filme Pre sumably ${ }^{\text {[f] }} \quad 8$ Jetween $a$ and endot, nearer to a, level with the tops of the letters The * uncertain After $\omega$ the upper part of a atroke descending with to tipht slope to ripht: Presumably a 9 J., on the line the end of a stroke descending from left
ro ]., the top of a circle
Fr. 2 might, to judge by its apparanee, belong to the neighbourhood of the lower right-hand side of $\mathrm{fr}, \mathrm{x} \quad 3 \mathrm{Jp}$, only the upper part of the right-hurd upright
]ra[

] $\pi \dot{\epsilon} \mu \pi \tau \omega \iota$. ка̣


 ]c ảoıóac
] $\omega \delta^{\prime}$ а́кои́саи
]ac ỏтtóc

5
].oc

] $\kappa \delta \epsilon \mu \alpha$. $\epsilon \pi \pi \epsilon \delta a \gamma \hat{\omega}$. ${ }^{\prime \prime} \mu \in \nu$


10

Fr. 1 marg, The note, written in what is prima facie the upper margin of the roll and presumably referring to something below itself, is susceptible of an interpretation which may be considered referring to something below itself, is susceptible of an interpretation which may be considered
reasonably likely in general terms, but there remain ambiguities of detail which deprive it of much of its value. 'This . . . is wrongly inserted in . . . copies in the fifth (book) . . . and in that (book) it was bracketed in Aristonicus' copy, but was not bracketed in Ptolemy's.' On this the following remarks may be made :
$\pi а р є \gamma \gamma \rho a($ ) : I suppose $\pi а р \epsilon \gamma \gamma \rho a(\phi \epsilon \tau a i)$, but the precise form is not of consequence. The word is certainly sometimes, and perhaps generally, used to imply spuriousness in what is inserted (e.g. Strabo 394), but here I am disposed to believe that not authenticity but correct location is in question. "This" is found both in this book and in the fifth, it is wrongly inserted in one of these places, Aristonicus' copy but not Ptolemy's marks it for omission in the fifth'; if this is the sense, presumably Aristonicus thought it correctly situated in this place, Ptolemy in the other. Neither completely rejected it.
$\dot{d y[1 .] c c: ~ t h o u g h ~ t h e r e ~ i s ~ s o m e ~ u n c e r t a i n t y ~ a b o u t ~ t h e ~ e x a c t ~ a m o u n t ~ o f ~ s p a c e ~ b e t w e e n ~} \boldsymbol{y}$ and $\boldsymbol{c}$, which are on different pieces of papyrus, I think it is safe to say that $\varepsilon v$ evioce is ruled out and that to, that of Aristonicus and that of Ptolemy. For the use of two 'copies'-for us I think it would be ,万力 $\mu$ óvov ép étépest and see T. W. Allen, Papers Brit. Sch. Rume v 76 seqq.
 in favour of one against the other. It does not look as if the actual mention of the noun, whatever it was, could have been dispensed with.
$\pi{ }_{\pi}^{\prime} \mu \pi \tau \omega \mathrm{s}$ : in accordance with normal usage this can only mean 'in the fifth book'. Since this MS. must therefore represent some book other than the fifth and the note is here, I must suppose that
'also in the fifth book' was written. But how to supplement 1 . 4, if alinement on the left is to be kept


There is a faint trace at a more tham normal interval after $\pi d \mu \pi r e m$ and a still wider interval before кal; if a letter, an suspended letter or two may have disuppented in a gap and stripped area above it, but nothing essential seems to be wanting and I have no explanation of the phemomenon to offer.
 required, but I do not think that this supplement would aline on the keft with even the shortest of
 notere not to be found in avedes of the whe in a of irregularity to be found in nvoidance of the text were That apered
That $a_{p} N$ is to le extended as Apierdueoc, not nas has been proposed at other oceurrences Apucro-中úpe, is shown by what is presumably an alternative representation of the same name, apur, found sewhere.
An Aristonicus and a l'tolemy who were father and som are known from Athen. que th, Schol. Il. iv 423 , and Suidas (who inverts the relationship). If these two are meant, this is the only record of both of aptero and apt . . . in the margins of the Louvre pmrthenien opposite conds, iza, iii 2\%
(I have no precise idea what wats meant by 'X's ermy'. Was $X$ the writer, the owner, the annotator? But this is a problem not pocaliar to this passuge and can be discussed only in a wider connexion.)
x-10 correspond metrically to $\mathrm{fr}, 3$ ii $+1,1,22$. It is therefore deducible that the first verse is the first of a strophe and I do mot thank it will be deubet that it is the first of a peem, presumalsy the same poom as that in fr, 3. Thin is the reason for locating fr. $x$ on the left of $\mathrm{fr}, 3$ there is no extermal evidence about its place in the roll. At leath ome chamm in lowt between them; if only one, it is represented by fr. 3 i .
 vocative.
 "the sound of song'). The Momeris analogues have either the form: ohjoct - mepl phetwe... simple
 found here, if it is not simply in innovation, miphe he exphaned either hy the impusibility



 3 droveat : inlinitive, th
 much less carefully written.


 tion short vowe comomantw wats not normully followed in Aleman's dialeet by emmpenatory
 borrowing from thother sourct.
 -aca, hefore which the change of oto c (thongh it is net the invariathe (rentumen of of of fore a vowel) is as expected. I have no exact parallel to the syuerphonewin of a in sudh forms from Alcman himself,




cols, Note $с \kappa \kappa \delta a c \epsilon i ̂$ but $\tau \iota \nu a \xi \omega$, i.e. prima facie, $\tau \iota \nu a \xi \omega$. Similarly фaçic but mapícoufc (Louvre parth ili 5,112 ).
$8 \pi \in \delta$ a $\gamma \bar{\omega} \mu^{\prime}$ 'iцev 'to join the gathering', for which there are Homeric models, would suit, but I am doubtful how to articulate the preceding letters. ]c $\delta \delta^{6} \mu^{\prime}{ }^{\prime}{ }^{\prime} \gamma \epsilon \mathrm{c}$ is to hand, but I find no example of ăy $\boldsymbol{\text { arp }}$ with a dependent infinitive earlier than Eur. Hec. 43. 9 єvfa $\mu a d \lambda$
attractive sense.


## Fr． 3

| Col． 1 |
| :---: |
| ］ |
| ］doc＊ |
| ］ |
| ］puesaquxpa |
| ］a ${ }^{\text {amapx }}{ }_{\text {a }}{ }^{\text {a }}$ |
| ］． $\bar{\phi} \mathrm{c}$ ． |
| ］ |







Col．iii
4
9
 T．$\nu$


 ］รтиие́доссакатастратор

］．$\varepsilon \lambda \eta \mu \alpha \bar{\delta} \bar{\mu} \mu \omega \iota$ 1．avedoîca
गोe $\lambda \omega$ ．
 ］．［．］${ }^{2} \bar{u}$



］puvo＇［．：］̧a

］．$¢[$ ．$]$ pükraic
$1 x^{\alpha} \rho \iota \nu$ ．

Fr． 3
Col ii

## $\lambda \nu с \not \mu \epsilon \lambda \epsilon \hat{\imath} \tau \epsilon \pi о ́ с \omega \iota, \tau а к \epsilon \rho \omega \dot{\tau} \tau \epsilon \rho a$





## 

 ．．］$\nu$
－］．$\delta \iota \in ́ \beta \alpha$ тavaoic $\pi \circ[c i]$
］ouoc vorla Kıvípa x［áp］le

A］cт兀ре́̀оиса катà страто́v


］$\lambda \dot{\varepsilon} \gamma \omega$ ．
$] \epsilon v a \beta \alpha \lambda^{\prime} a\left[{ }^{[ }\right] \quad \gamma \dot{\alpha} \rho a^{\alpha} \rho \gamma \nu \rho \nu \nu$ ］．［．］$] a$



$\overline{\nu 0 \nu \nu} \delta^{\circ}[\quad] \delta a \pi a i \delta a \alpha \alpha[\theta] \cup ́ \phi \rho o v a$
такঠь．［ ］$\mu^{\prime}$ ёхоисаи
］．$\in[\quad] . \nu$ á тaic
］xápıv
25
Fr． 3 Col．ii 3 There would be room for three letters between $火$ and $\eta$ ，but I see traces only of two，which must therefore both be vowels，the first long，the second short $\eta$ ，Unexplained ink over the first $\nu \quad 19$ To right of the trema a dot of ink；if the lower end of an acute，out of position Between $\epsilon$ and $a$ a hook on the line，as of c，followed by the foot of an upright with a serif to left 20 See comm．1． 2 I Below the foot of an upright［．］，if the preceding or follow－ ing letter was broad，no letter is missing li，the lower part of an upright 2 I ］，the upper $\begin{array}{ll}\text { end } \\ \text { the top of the letters } & 24 \text { ，the top of an upright } \\ 22 & \text { marg．See comm．} \\ 23\end{array}$

Col．iii 5 ．［，the start of a stroke ascending to right 6 ．［，a dot slightly higher than the tops of the letters 7．［，the start of a stroke ascending to right II．．［，two strokes at an angle，
perhaps the lower part of $\lambda \quad 12$ ．，a dot slightly above the level of the letters，presumably a ［，the upper left－hand arc of a circle 14 ］．，the apex of $a, 8, \lambda \quad 19$ ．$[$ ，the start of a stroke rising to right $\quad 2 \pi$ ．$[$ ，the left－hand side of $\gamma$ or $\pi \quad 24$ ． H ，the start of it stroke rising to right 28 ］．．，rubbed；possibly $\epsilon v$

Fr． 3 If it is assumed that col．iii belongs to the same composition as col．ii－－it is prima facie in the same stanza－and that this composition bepins in fr，r，it can be caleulated that it contained not less than 26 verses．It can be similarly calculated that the Louvre parthenion contained not less than 112．For neither can any upper limit be arrived at．

Col．ii I $\lambda u c \mu \mu \lambda \lambda\rangle=\ldots \pi \delta 0 \mathrm{oc}$ Archil．fr． 85
I seq．такерd סсрконєขoc Ibyc．fr． 2.
For the＇softness＇of sleep see IIeadlam－Knox on Merodas vi 77 ．
3 Or ovid＇${ }^{\prime}$ ru．There appears to be no verb，so that a nominal phrase must be postulated，I can make no plausible guess at its contents．I camnot read either $\gamma \lambda$ ueño or кйpu．
The coronis between this and the next line was omitted by the writer of the text and has been supplied by another hand．Thave noticd sher 2291 col，ii 2 note，
4 dueiperat，but duevecul fr．II，4．Aristophanes the grammarian seems to have supposed that
4 apeiperat，bat apetical fr．11，to judgre ley lustath． 546 ，29：Sichol．I．Il．v a 26 （with a corrupt quop－also cond occur hor douvre narth，col，ii 3I）
 tense．
 the vocalization and metrical value are characteristically Ionic．In the fuetation Alom．fr． 16 as here antevocalic e is recorded instead of the experted a．
$6[\omega]$ is indicated by the spaceng，but not to the exslonion of of，mad I have preferred it only as being nearer to the rest of the mapeifoce，though it iloest not exactly wincide wilh it ；cinte，fro．xh， 4 below，ẅ\｜li\｜l $r^{\prime}$ ，Louvre parth，coh，ii 7 ，ürmep ibill．12，｜cije ilhid．20．Neither whiates the hiatus with the elidable vowel at the end of 1.5 ．


 does not，unless it is implieel by l＇indar＇s סtäfadaî＇，／＇yth．ii $\eta$ lis．

8 in dundor ：instances of the synecphonesis ol a long followed by a short sylable are hy no mems common and are graphically represented in different：ways，c．\＆． $\bar{\eta}$ ür＂，at here，P＇ind．Ishm．vii． 8,9 ；


 and compounds，for which see LIesych，and particularly Schmide＇s note ou h haie．

Is seq．＇The moist charm of Cinyras＇which＇has its seat on maidens＇hair＇may reftr to some kind Is seq．＇The moist charm of Cinyras＇which has its seat on maikens＇har＇may refer thsome kina of Cyprian hair－oil．Cyprus，of wheh Cinyras was a hegendary kimg famos．I should suld that I have
 here．
 similar Aerouedour would be apt to lead to the conceiving of it as dercac $\mu$ diouca．

 tautologous and I am doublful whether the tautulogy comld be justilied by ulducing the common combination of eloe，wh yap with persons of ẅ $\langle$ edov．But 1 see no certuinty that Bat＇is not an norist imperative or even indicative and that al podp is not＇for if＇．
${ }_{a}{ }^{\circ} p \gamma v \rho \iota v:$ accusatives in－iv corresponding to－i $\delta \alpha$ were regarded by ancient grammatical doctrine as characteristic of Acolic．That view is implied by the recessive accent here．（It may be noted that the grammarians＇examples are all words of trochaic form ；perhaps $\pi \hat{a} к \tau \downarrow$ ，Sappho 22，Ir，should be added to them．）

19 If＇ioo $\mu$＇or＂ 80 o $\mu^{\prime}$＇is to be recognized，it is to be said that in the Louvre papyrus initial $F_{F}$ is once written but twice（or perhaps four times）omitted at places where its metrical effect of obviating hiatus is observable．

Marg．$\mu \cap$ is perhaps to be interpreted as $\mu \delta\left(\nu 0 v_{,}-\nu \omega c\right) ~ \Pi($ тоגє $\mu a i o c)$ ，cf．$\mu^{\rho} N($ ）， 1174 col．iv 23 ． If this interpretation were certain，it might be thought that one of two consequences would flow from it：cither that Ptolemy accepted this piece here as well as in Bk．$v$ or that the question of location arose only in regard of one stanza and that this line was outside that stanza．But the interpretation is anything but certain and，in any case，I do not think the inferences necessarily follow．All that ＇peculiar to Ptolemy＇need imply is that where the relative verse occurred in Ptolemy＇s copy it had some feature not in it where it occurred in Aristonicus＇copy．No fresh light accrues on the hypothesis presented in the note on fr．I marg．

2I athá $\kappa(\epsilon)$ ．．yevoluav＇I should straightway become＇seems unavoidable，but I am uncertain where to find the protasis in the preceding lines and how to interpret the predicate in this．The metre к $\quad \mathrm{\nu a}$ c wrongly accented．The nearest approach I can make to any sense is＇if she took（me？）by the soft hand，I should straightway become her suppliant＇（＇1） defects，gives no account of the extremely puzzling end of $l$ ．Ig and beginning of 1.20 ．

I should add that the bases of the first visible letters of 1.20 （and the beginnings of 11．2I－24）are on a detacher scrap，of which the level，guaranteed by cross－fibres，is not in doubt，but which might perhaps have stood it little to the left of the place I have assigned it．But the resulting relation of the


22 marg．P＇ossibly $\dot{\delta} \mu($ oí $\omega c$ ）or ov́（ $r \omega$ ），though the suspended letter is not readily to be read as either $\mu$ or $\nu$ ．

Col．iii 8 Aleman is quoted（ap．Cyrill．，Rh．Mus．43，451）as having used ódkóc in the sense of ＇nightingale＇．

$$
\begin{aligned}
& \text { Fr. } 4 . \\
& \text { jy[.] }] \text {. }[ \\
& \text { ]åó入ā. . [ } \\
& \text { ]. } \rho \dot{\alpha} v \text { vur }
\end{aligned}
$$

> ] $\nu \nu \mu \phi \hat{a}$ [
> ']eicev[
> ]рата̄и[
> ].ov.[

Fr． 4 I $[$ ，the foot of an upright sloping slightly to right 2 After a perhaps $\nu$ ，represented only by the lower part of the second upright：［，a dot slightly below the tops of the letters 3 ］，the lower part of an upright，$\tau$ acceptable 4］，an upright 5 ．［，the lower part of an uper 9$], s$ the upper part of a stroke descending with a slight slope to right，presumably representing one of he triangular letters

| Fr. 5 |  |
| :---: | :---: |
| ]..[ |  |
| ]cức $\omega$ [' |  |
| ]. ${ }^{\prime \prime} \lambda \lambda \alpha$. [ |  |
| ]. $\operatorname{\iota ro\lambda }$ [ |  |
| ]xop $[$ [ | 5 |

Fr, 6 The apperance is sompatible with a position in fro. 3 col. ii
${ }^{1}$ 'Traces suphestimy the hower end of a
Fr. 5 The appeartuce of the front is compatible with a comexion with fr, 3 col, iii
I the lower parts of two uprights, one with a serif to right, the other to left 3,1 , perhaps the tip of the upper right-hand arm of $x$ f. On the line a trace of a stroke ascemiling to right 4 . ., prerhaps traces of the midele of upper part of un upright
a rioht whe cot hati em of it mararaphus to ripht. 3 An upright 5 'The mperaranco sugpests $y^{\prime}$, but a cammet be exclucled, thongh it ederes some ink unexplatiaed


Fr. 92 . , traces compatible witha 3.6, on the line the beginning of a stroke ascending to right
4 ]., an upright Presumally $v$

Fr. II

]. . [
. . .
Fr. 11 I Of $t$ only the lower part of the stem 2 ]., on the line the tail of a stroke descending from left Aiter $\eta$ a trace level with he tops of the lett part of the stem

Fr. $x_{3}$

- ].[
]. $a_{.} \in \mu[$
!. ] $]$ mrod[ ]aסика[.].[
5 . j еттасаva ] ko, [.

Fr. 18 I The foot of an uprigh
he lower part of an upright Afier 2$]$, eft-hand are of a circular letter and the riehthand side of a circular letter with a trace of inkto its left, of would be rubler crushed 60 O an a
which might be a

Fr. 16
Tr. I4
$]$
$]$
]cout!
].[.]ca[

Fr. 14 2 A traco above the line

Fr. 16 3]., an upright

Fr. 12
].[
] [
] $\bar{a} \bar{c} \bar{a} \bar{a} \bar{c}[1$
5 ] [
] 18 ócur [
]. เctûp[
]c. [
]paoco [
Fr. 123 The short is written over a long by the same hand 4 како possible
the right-hand side of $a$ or $\delta$
] $\dot{n a[ }$ ] [ ]. $\varphi$ o[ ] $\in[$
5 ]av[

Fr. 153 ]., the right-hand side of a circular letter Or $\omega$ [


Fr. $17{ }_{5}$ ], the upper end of a stroke rising from left to right After $p$ the lower halves of two uprights; the distance of the first suggests $r_{\text {, }}$ but they may both belong to one letter Before a the feet of two uprights 7 , , traces sug. gesting the possibility of ${ }^{n / 1}$ If the dot alhve
were part of t tremna, the other dot should the $u$ were part of a trema, the other dot should be
visible jif it is a ligh stop, the following let tors visible; if it is a high stop, the following letters
are inexplicable are inexplicable
Fr. 22 .f, an upright with the upper part
bent over to teft; nut is perllups $v$
25
]
Fr. 205 . [, o, $\omega$, or c

$$
\text { Irr. } 22
$$

Mr. 21 T The lower lefthund part of $a$ circular letto followed by the top lefthand purt of e or $\rho$


Fr. $18 \times$ An upright and part of a cross itroke

Fr. In
$C$
$a c \cdot[$ rew

Fr. 10 a Probmbly the tail of a coronis li, the fow of on upright sherping stightly to right, with a trace alowe to left ; y likeliest, but $r$ not ruled out

Fr. 23
]. เтev [
]. ${ }^{\text {opedoacta. [ }}$ ]eccatupoc [
]. $\pi о \lambda \lambda a \delta \epsilon \kappa[$
5 ]ạ́cт $\quad$ каиф [


- .

Fr. 23 I ], a trace compatible with the end of the upper hook of $\varepsilon$ or $c \quad 2$ ], a trace below the line close to $\rho$ and therefore suggesting $x$ . 5 , the upper part of an upright $\quad 6$ Perhaps opt, but the cross-stroke has gone 7 interl. Possibly $\tau a[$


5 ] $\alpha \nu \delta \varsigma[$ ]. $10[$

Fr. $28{ }_{2},[$, the left-hand side of a circular letter $6 j^{\circ}$, the upper part of the right-hand stroke of $a, \lambda, \delta$

## Fr. 28


Fr. 285 .[, the middle of an upright

Fr. 24
] $] \stackrel{\infty}{[ }$
Fr. 24 Stripped; traces of 3 more 11 .
Fr. 25
]: $:$
]a!тaס[
] [
]p $\eta i a[$
5 ]a入 $\epsilon v[$
] $\omega c a[$

## Fr. 25 I Or $7 \eta^{\circ} \quad 4$ The loop of $\rho$, un. usually angular

$$
\begin{gathered}
\text { Fr. } 27 \\
\cdot \\
] \ldots . .[ \\
] \omega \nu \mu \epsilon \gamma \alpha[ \\
] o c \tau \epsilon .[ \\
\cdot \\
\text { Fr. } 29
\end{gathered}
$$

] $\dot{\bar{\alpha}} \dot{\nu}[$ ]ov[

Fr. 30
]. $\cdot[$
]. $\hat{a} c \cdot[$
Fr. 80 r$]$, an upright having a curved serif to the left below the line 2 , , perhaps the

The manuscript is written in a fine bold uncial very similar to that of P. Berl. 1970 (Wilcken, Tafeln, 2). It may also be compared on the one hand with 2079, than which it is larger and more upright as well as much more carefully executed, on the other with 656 v , though written with a broader point. The not very plentiful lection signs appear to be for the most part by the same hand as the text. I suppose the date to be in the second half of the second century.

Fr. I
Fr. 33


Fr. 88 a $]$, the right-hand are of a circle . ., the apex of $a, \delta$, or $\lambda$
Fr. 4 A paragraphus below the third line awny from I. 2, under which a paragraphus is visible, should itself be visible. Barring error this serap must be presumed to le from 14 different piece from that in frr. 1 and 3 .

3 rаконe $\nu \overline{ } \quad$.
7 djecen. I cannot account for the trace under the first e, but I should saty it could not possibly represent a paragruphus and hardly a circumblex.

Fr. 55 i.e. $] x$ dpp[.
Fr. 112 sec , l'erhaps mípara . . , evpuctóppeas sc. yaie.
Fix. $18{ }_{5}$ Presumably Acäpäa (but Acavala adesp, fr. 3 ( $)$, or, if the division were admitted, à $\alpha$ cŭvă| $\mid$-。

Fr. $17 \eta$ rjailyen was certainly not written.
 11. 5 seq., would accord.

## 2888. AJ.GMaN

Although there is no way of confirming it, the attribution to Alcman of the following fragments on the streugth of the dialect (including accentuation) and what

 But unfortunately the identification of the author is of little practical value since nothing can be made of fragments so small and scattered.


Fr. 1 x].[, the tail of $p, \phi$ or the like .[, the lower left-hand are of a circular letter $\quad 2 \mathrm{Be}$ twecn a and $\mathfrak{a}$ low dot, I think fortuitous. 7 After $\phi$ apparently the top of a circle For $]_{p}$ perhaps $\beta$., the middle part of an upright ix After $\eta$ an upright followed at an interval by the upper right-hand arc of a circle, ye, vo among the possibilities $x_{2}$ ]., the tail of a stroke descending from left; $\mu$ would suit ${ }^{13}$ The upper part of an upright
 might have been said of Trerpander. Polymnestus of Colophon was mentioned by Alcman (fr. in4). But it need hardly be said that there are nearer possibilities.

6 For 'novelty' of song cf. Alcm. fr. I, for 'display' of song cf. Alcm. fr. 37.
 ... Since the Attic participle ending -ovea is regularly represented in Alcman by oocca, it must be presumed that - $\beta$ âca (if that is to be recognized) represents an -a verb. I therefore recall Kodv Bücal, which Ptolemy (ap. Phot. while to all But I need hardly say there are more obvious alternatives, e.g. $\eta$ हिंca, as well as the possibility of a different completion and even a different articulation.


Fr. 22 ,[, a dot below the line, e,g, $a, \lambda, \chi$
1 . [, the middle of an indeterminable stroke
6 . perhaps the top of $a$ or $\lambda$, but there are other possibilitics

Fr. 8 x The lower end of an upripht dew scending to the top of $\tau$. 5 , the left-hand tip of a stroke level with the top of the letters

| Fr. 4 | lir. 5 |
| :---: | :---: |
| ].[ | $\operatorname{lav}[$ |
| ]. $0 \% 0[$ | ] $\delta \in \pi$ [r |
| ]4raupa[ | ]hovcov [ |
| ]ròє ${ }^{\text {[ }}$ [' | ]. covsupet [ |
| $5] . \gamma^{2} a i \delta \eta[$ [ | 5 ]ркароьсххх. |
| ]penv'a.[. | JSovec |
| ]cтáy'oıסe.[ | \|к¢оибєтe.[ |
| ]. $\omega<\delta \nu<\mu[$ [ | '\|a入trck' |
| ]nvaurov\|. | ]...rоклет[. |
| 10 ].L.]avo[ | - - . |
| $\text { ]. } \gamma{ }^{4}$ | Fr E $\quad$ I., a dot on the line top of an upright ; $p$ nut. ruled out second let ter has a horizontal top (e.g. $\pi, \tau$ ) |
| Fr. 4 I The lower left-hand are of a cirele 2 Apparently written smaller than the rest I. a dot on the line, $\lambda$ possible 5 h., the foot of an upright of , $[$, the tail of $p$, $\phi$, or the | 3 The possibility efor 0 is to be bome in mind, an also at fr. 2, 3 . <br> 4 seq. This recalls the line guoted from Touphorion by Steph. By\%. in Avpäne: Bathew |
| like 8 ]p or two letters '].6 to J.L, the top of an upright; it may form part of the letter next to a |  наwar recur at 2390 fr. 2 ii 25,2380 fr. 35 i. 8 cjed $\pi n h_{6}$ an unatterted squelling. |
| $5 \mathrm{du} \delta \eta[\lambda-$ <br> 7 Presumably - "krú $y^{\prime}$. |  |

Fr. 9

| Fr. 17 | Fr. I8 |
| :---: | :---: |
| ]єup'¢[ |  |
| - | ]. $\tau \in$ |

Fr. 18 I ]., the ink resembles the second
apex of $\mu$

## Fr. 20

## ]or [

].. . [

Fr. 202 ], a short stroke inclining slightly from left to right, on the line .[ the upper part of an upright

Fr. 22

Fr. 21 I ] a possibility . [, the foot of a stroke hooked to left left-hand arc of a circle
2. ., apparently the

Fr. $1 \theta_{2}$.[, a dot on the edge of the break, level with the tops of the letters


## 2889. Commentary on Alcman

The Louvre fragment of a parthenion of Alcman, though it is continuously legible to a degree not common in papyrus texts and has been long known and much discussed, is still very imperfectly comprehensible and hardly any new find could be more welcome than one which threw light on its obscurities or the figure of its author. But the hopes raised by the discovery of what were easily recognizable parts of a commentary on this and other compositions by Alcman have been disappointed. Not that it has been impossible to combine a considerable number of the scraps of papyrus, but their combination has not resulted in any appreciable run of text, so that for the most part we are confined to being able to say on what comment is being made not what the comment is. Frr. I, 3, and 4 refer to the Dioscuri, who are known to have occurred 'in Book I' and 'in the second poem' (which may, but need not, signify different places). Frr. 6, 7 , and perhaps 8, come from the exposition of the Louvre parthenion. Fr. 6 relates to a particularly perplexing passage but it throws no light on its difficulties though it tells us, or rather allows us to infer, something about a point of minor interest, what ancient commentators took an Ibenian (horse) to be. The same fragment also appears to glance at the debate whether Alcman was a Laconian or a Lydian, on which subject there is more in fr. 9. It does not seem that the disputants disposed of any direct evidence. Both in this papyrus and another, which I hope to publish in a later volume, their assertions, when not based on general considerations, are based either on quotations from other poets, whose name, date, and authority we do not know, making out Alcman a Laconian, or on inferences, drawn from words used by Alcman himself, that he was a Lydian, words which may or may not bear the construction put on them, though we now learn that Aristotle took this side.

The writing in the fragments numbered r-34 evidently proceeds from one and the same hand, the small variations which may be perceived from place to place being such as would be expected to occur in the course of copying. The writing in the set of fragments brought together under 35, though to be attributed in my judgement to the same hand, differs from the preceding in appearance both in being smaller and in being more loosely executed. Fr. 35 also contains abbreviations, which are absent from I-34. There may therefore be some doubt whether the two sets belong to the same manuscript though there can I think be none that they both contain commentary on Alcman. I refer to them below as variants $A$ and $B$.

I believe the same copyist, whose hand I should compare to those of 1238 and 2176 and now assign to the second half of the first century, was further responsible for the following manuscripts: 2818; this resembles variant A , from which it differs
in being larger and in having a second $a$, in which the loop is not round but angular 2327 ; in variant A but larger: 2397; this verges towards variant B (except for fr. Is which is more like A, though some letter forms are different) but is slightly larger and not quite so relaxed.

Besides these four manuscripts, which are reproduced in P.O. xxii and this volume, so that readers can form their own opinion about them, there are reserved for future publication: a few very much tattered and rubbed prose fragments, perhaps also a commentary, in variant $A$; and a good number of fragments of lyrical pieces in variant A but of various sizes, the smallest larger than the Alcman commentary, some capable of being confused with the elegiac poem, 2327, and 2318.

Finally there are fragments in the same or a similar hand which I cannot certainly assign to any of the manuscripts mentioned, and in general the possibility that there is a greater number of separate manuscripts than I have succeeded in distinguishing must be borne in mind.
 $\mathbf{x} 87$ ) described the Dioscuri as alive below ground, so that 'sleep' would be a proper expression for death mode of existence on alternate days, not but what words for 'sleep' are used metaphorically of death from Homer onwards.
 .
 at Therapnae see PW, Sparta, cols. I329, x485.

$9 \mathrm{seq} . \Pi_{\epsilon} \lambda 0[$ торрис-*
II The letters bring the Apharetiadae to mind but $I$ find no connexion between them and Therapnae. A grave said to be theirs was shown in Sparta (Paus. iii $\mathrm{I}_{3}$, I) but Pausanias doubts whether they were buried there, thinking Messenia more likely (ibid., cf. 14, 7 ).

12 seqq. If I am right in supposing that (a) and (c) touch in 1 . I3, there are about 3 letters lost

 Doric form course, be divided $\mu \epsilon \epsilon^{2}$ at. $\delta$. In the lemma I do not know why Baкхஸ̂̀ should not have its Doric form. rad ${ }^{\text {cannet }}$ appears not to be a possible reading; perhaps, therefore, 1. I7 seems to show that the Dioscuri are still the subject . 77 seems to show that the Dioscuri are still the subject.



$$
\begin{aligned}
& \text { Fr. } 2 \\
& \text { ]ooц }[ \\
& ] . \omega \nu[
\end{aligned}
$$

Fr. 2 might come from the same neighbourhood as fr. $x$ (b) 2 ], the top of $\epsilon$ or $c$ I $\pi \rho]$ ]oon $[$ ["
Fr. 1 The level of $(a)$ is determined relatively to $(c)$ by cross-fibres, the interval between them is not certain but I believe there is actual contact at one point. The alinement of ( $c$ ) below (b) is determined by the fibres of the back. There may well be no line lost between them, but I cannot certainly 7 or or ap the lower (a) an upright on the
under layer, o not excluded 7 . [, unverifiable traces on the under layer, o not excluded II After $\omega$ the foot of an upright, the upper part of an upright witn a slight hook to the left, a trace not quite level with the top of this, and a tall slightly sinuous $\mathbf{I 2}$ ra may be meant, though a has no loop and more resembles $\lambda$; it is followed by the lower part: of I2 $\tau \&$ may be meant, though a has no loop and more resembles $\lambda$; it is lolowed by the lower part of
an upright and this by the foot of another, perhaps $\pi$ or $\eta$. The dash may be the top of 7 14 After $\eta$ an upright, followed at an interval by a crosssstroke with a perpendicular dropping from it, as of $\tau$ or $\pi$; the letter presumed missing between them would have been $\downarrow$, or $\eta$. . shoukd be written 55 ], the top of an upright The traces after $\kappa$ a might belong to one letter, c.g. $\nu$ top of an upright The ink before $\nu \epsilon$ suggests an irregularly made $\nu$, but $\omega$ may not be excluded, in which case T $\varphi v$, with nothing missing, is a possible though not verifiable interpretation of the traces IT interl. o corrected, perhaps from $\delta$ After $v$ the lower left-hand curve of a circle $t e x t$. [, the left-hand side of a or a similar letter Marg. $I$ ], an upright with a trace to the left
level with its top, perhaps ]. 4

Fr． 3 （a）

|  | ］$\epsilon \tau \omega[$ <br> ］үкш．［ |
| :---: | :---: |
|  | ］oa．．．［．］． $\operatorname{coscı\pi }$［ |
|  | ］оьестатои［．．］．¢сьขє［ |
| 5 | ］об旼．［．．］єүоска［ |
|  | ］¢رат．［．．］．［．］$]$ тота［ |
|  | ］кขסрос \％．．$\gamma \eta<\tau \omega \nu[$ |
|  |  |
|  | ］тшıTv日 ．［ |
| 10 | ］．cr［ |


（c）
］．${ }^{\circ}$
］．cкa．［
］．．$\eta v$ ． ］$\nu \tau \eta \subset$
5
］．．v

Fr． 3 The appearance of the papyrus suggests that these three scraps may have come from the same neighbourhood，（b）to the right of（a）in the next column at the level shown，（ $c$ ）below the righ side of（b）．But it is no more than a possibility
（a） 2 ］not quite satisfactory，but neither is $] \mu$ or $], 4$ ．［，a slightly sinuous upright，perhaps $\omega$ 3 After a the feet two strokes suiting， $\mathrm{c}, \mathrm{g},, c \mathrm{c}, \mathrm{\tau} \varepsilon$ or simply $\boldsymbol{m}$ ，then traces on the line of two more letters After the gap a slight trace，not quite level with the top of $\iota$ ，suggesting e 4 Per－ haps Alcm．fr． 74 A ；see comm．J．，a dot on the line，apparently the foot of an upright a slightly sloping stroke compatible with o，$\omega \quad \sigma$ seq．Alcm．fr． $9 \quad 7$ After $\pi$ a slightly都 hardly to be combined with it to form $\tau$ 9 ．［，the foot of an upright Io ］．，the lower part of an upright：
（b） 3 ］，an upright
（c） 2 ．［，a tall vertical stroke，perhaps $~$
3］．，a dot on the line and another to its right level with the top of $\eta$ ；possibly only one letter，e．g．$\kappa \quad 5$ ］．．，the upper part of a stroke descend－ a circle

Fr． 3 （a）

| ］$\epsilon \omega[$ <br>  |  | （b） |
| :---: | :---: | :---: |
| ］ọa．．．［．］çoicı $\pi$［． |  | ．．． |
| aió］ouєcrárou v［．．］．，ıcıvє［ |  | ］$\mu \in \underline{\sim}$ |
|  |  | ］a乡ıoı．［ |
|  |  | ］．$\tau \omega \nu$ Доскои́р $\omega[\nu$ |
| ］кขбро́с．т．．$\gamma \eta$ ¢т $\omega \nu[$ |  |  |
| ］c ö́tı oi $\mu$ èv ov̉ $\operatorname{rov[~}$ | 5 |  |
| ］rcut $\pi v \theta$ ．［ |  | ］$\alpha$ ¢єаข ข์mo |
| ］ıct［ |  | ］катаскєиа－ |

$$
\begin{aligned}
& \text { ] } \mu \in[ \\
& \text { ]asuou.[ } \\
& \text { ]. } \tau \omega \nu \Delta \omega \operatorname{Lockov} \rho \omega[\nu
\end{aligned}
$$

$$
\begin{aligned}
& \text { ] } \alpha \delta \epsilon \iota \alpha \nu \text { ข์то } \\
& \text { สยu- }
\end{aligned}
$$




3 seq．It is hardly to be believed that in these lines the ancient citation Alcm．fr． 74 A is not to be recognized，but there is some difficulty in adjusting it to the lemma．It is given by one of the two

 structed out of these data combined with what we have here：



Alcm．fr． 9 ，which follows in 11,5 seqq．，but I am doubtful of the possibility of reading o in $v[a l]$ ocecv． 5 Perhaps cid $\delta 8 \mu a \tau o v$. I am not sure that there is room for $\kappa \tau$ ；perhaps $\tau \in \gamma o c$ is enough to fill it． See 2898 fr ． $1,8$.
（b） 4 One may guess－$\eta$ ］rýced．
(a) Col. i

Fr. 4
. .

$$
\begin{aligned}
& ] v \\
& ] \llbracket . .00 \rrbracket] \\
& ] \quad \llbracket \lambda \varphi \cup \rrbracket
\end{aligned}
$$ 5 ]

10

| $\delta \rho o \delta a \mu a[$ |
| :---: |
| фов пкка $^{\text {[ }}$ |
| таиато入入 |
| строфє |
| vid $\eta$ \% |


|  |
| :---: |
|  |  |

$\mu \omega с а \mu[$
$\gamma \in c(a) .[$

]..[
]. $\mathrm{r} \mathrm{\gamma a}$ a
]. . $\alpha i \delta \alpha[.] \epsilon \epsilon \kappa \tau \mu \nu[$
]аиосvvaц[
. . . $\mu a[$
]...є. . $\nu a \tau 0[$
]peva.ıcıтept.[.
Fr. 4 There is no extermal evidence to determine the distance between (a) and (b). The fibres of the back show that they stand clear of one another; the interval may be greater than the supplements given presuppose
Col, ii 7 .[, an upright $\quad \gamma$ or $\gamma \rho$ unless simply $\pi \quad$ тo є $\tau \epsilon \nu \nu$ or $\epsilon \gamma \eta \nu$ appears to have been converted into $\epsilon \epsilon \epsilon \mathrm{y}$ by means of a line drawn from the top of the $\imath$ (or the right-hand upright of $\eta$ ) to the bottom of the left-hand upright of $\nu$ Ir After $\nu a$ what looks like a tall i with a stroke slightly curving upwards from the right-hand side of the top; $\rho, \tau$ not satisfactory $\quad$ [, an upright with a slight hook to the right at the bottom, $a$, o not excluded
2389. COMMENTARY ON ALCMAN

Col. ii 2 seq. The daughters of Leucippus (granddaughters of Perieres, $\Pi_{\epsilon \rho i \eta \rho c}$ Alcm. fr. 149), carried off by the Dioscuri. In the Cypria they were said to be daughters of Apollo (Paus. iii 16, I). 7-8 The coronis would naturally signify the end of the commentary on a poem, the indenting a title, the bracket cancellation.
9 We are told that according to Alcman (fr. II9) the father and mother of the Muses were Uranus and Ge, not Zeus and Mremosyne, but this is not universally true as far as concerns Zeus (see frr. 45, 59).

Fr. 5
]. O. [
] $\delta$ єot [
]ounc

Fr. 5 resembles 4 (b)
I ].., traces of convergent strokes near the line, perhaps $v$, followed by the lower part of an upright ., ${ }_{\text {. }}$, the foot of an upright


Fr. 6 Col. i The interval between (a) and (c) must be at least such that (a) stands clear of (c). Otherwise it can be determined only by the supplements. The level of (b) is fixed by cross-fibres relatively to (c) col. ii. Its position under the ends of (c) col. i must be more or less correct though I cannot certainly follow the vertical fibres from one to the other

5 .[ a trace level with the top of $\delta$ ].[, the top arc of a circle ro ]., the right-hand end of a cross stroke touching the top of o 13$] \rho \nu$ or $] \omega y, 14]$, on the line the end of a stroke descending from left 18 ]., the top of a stroke sloping slightly to right followed by a hook on the line; together might be $a, \lambda$ Of sonly the lower part

Col. ii 7 . f , a dot on the line
In Possibly 8 top
$\psi 4$ might be at, of
$17 \eta$ made out of $\gamma /$
.[, a dot below

Fr. 6

the line $\quad 18$. $[$, a dot on the edge of the break, above the level of the letters; half of a trema? 22 Or a[.].[. $\quad 27$ Above the first a a part of a slanting stroke $\quad 28 \pi$ slightly anomalous, but not prima facie $\eta$. Sec comm. 32 Before $\nu$ the top arc of a round letter 33 ], $a$ or $\lambda$ probable

Fr. 6 Col. i If this column was of the same breadth as the next, the lines contained round about 30 letters, of which alout 5 are assignable to the gap on the left from 1 . 7 onwards.
$x$ seqq. Comment on col. ii 23 seqq. of the Louvre parthenion (P), which appears to have
 tained from this, that Agesichora is surpassed in beauty by Agido as a Colaxaean horse by an Ibenian postulates considerablo corruption in the words to say nothing of the pecunar use of the future, and


 am not satisfied with the supplement $[\varepsilon \xi=\pi]$ lowevy suggested in that plac
adjective specifying the region in which their excellence
A reading of Aristarchus is quoted at $P$ ii 3 marg． ．Ibeni are a people of Lydia and from this he thinks it should be inferred that Alcman was a Lydian．
For the＇IPqvol as a Lydian people see Steph．Byz．in＇IFaion．For the＇wrong＇view that Alcman ras a Lydian ef．fr． 9 i ir seqq．of this papyrus and Suidas in $A \lambda \kappa \mu$ áp（where it is attributed to Krates）． was a Lycian c．f．I． 1 ir moqq．${ }_{\text {r seq }}$ seq．There is more room for uncertainty in the supplementing of these lines．cw may well be Sosibius，who is known to have written a work in at least three books about Alcman．In that case



кetctal appears to indicate a statement of geographical situation，$\mu \dot{\text { áptuv the adducing of the }}$

 the name of the land（people，or the like）relatively to which the position
3．$\delta \dot{\omega}$ to be part of the name of the author cited in support of this location．The Cnidian author cited


 no explanation of the mention in this context of its female inhabititants．In fr． 35 there might be a similar reference to those of the neighbouring Pitana，though it seems more probable that there the Spartan Pitana is meant

II Not－a di＇$^{2}$＇a $\mu \mathrm{P}[$［ociav，$\mu \mathrm{aj}]$ xorrau therefore dubious．
${ }_{12}$ Pind．Nem．ii II，cf．Athen， 490 f．
${ }^{6} 6$＇（must）take in this sense＇．
 the preceding strophe，but if that is what was stated here it does not seem to have been stated accurately．

$\dot{\eta} \mu \hat{\nu} \nu$ would be easier to bring into a reconstruction and the second $\eta$ in fr， 20 ，I has a similar first upright not projecting above the cross－bar，but to make $\eta$ posssible here it would be necessary to sup－ pose that ink has run to left of the first upright．

| Fr． 7 |  |  |
| :---: | :---: | :---: |
|  | （c）． |  |
|  | ］$\kappa \alpha[$ |  |
|  | ］$\tau \in \tau$［ |  |
|  | ］$\mu \in[$ | Fr． 8 |
|  | ］$\epsilon_{\kappa}[$ |  |
|  | ．． | ］$\mu \in \nu$. ［ |
|  |  | ］$\omega \theta \in \sigma \delta ¢ \in[$ |
| （a）Col．i | Col．ii | ．． |
| ］．［ |  |  |
|  | $\underline{\operatorname{\epsilon ICNK}}[$ |  |
|  | тaסo．［ |  |
|  | ． |  |
| $5 \quad] \beta o v[$ | －． |  |
| ．．． |  |  |

（b）$\cdot \dot{\alpha} \beta \lambda \in \underset{\sim}{\gamma} \dot{[ }[$ ］．$\alpha \beta \lambda \epsilon \pi \eta \ell[$
］ourac $\pi \alpha \rho \theta[$ ］$\quad \alpha \mu \epsilon[.] \epsilon \iota .[$ ］．$a \lambda \lambda a \gamma \eta c!x[$
5 ］а ка入入ıсфиросанท［
］．xшсгv $\mu \eta$ тара．［
］ $\boldsymbol{\varepsilon а \gamma \eta с ぃ \chi о р а с а 入 \lambda . ~}$
］．ачотєєаve［［．］．$r \eta[$
］．$\eta \iota c o v \delta \epsilon \mu \iota \alpha \nu[$
ro
］．$\epsilon \nu \pi a[$ ．．］evo［
］$\epsilon \tau \epsilon \rho[$
Fr． 7 （a）col． $\mathrm{i}+(\mathrm{b})$ no doubt formed part of the column following fr． 6 （ $c$ ）col．ii．I believe that（a）may be located opposite fr， 6 ii 25 seqq．（c）is shown by the vertical fibres to have been in the same column as fr． 7 （a）col．ii．I am fairly confident that it stood above this，possibly opposite Ir． 6 ii 7 seqq．，though at such an interval identification of the cross－fibe peculation
（a）col，ii 2 ．［，an upright
（b） 3 ． 5 a slightly convex stro
letters traces consistent with $v$
4 ］，the top of a low upright 6 Of the first and last
8 j, ，a ligature or cross－bar joining the top of $a$ ，an
9 ．，
the upper right－hand ann of $v$ or $x$

Fr, 7 (a) Col. i Comment on P iii 7 seqq


2 тàc $\lambda]$ ouràc rap $\theta[$ évouc.

4 seqq. Comment on P iii 9 seqq. 'The poet does not mean that Agesichora is not there'-this seems to imply that the commentator did not take ou yap ... avireî as a question but as a statement not carrying its surface meaning-'but that if you go to Ainesimbrota's you will not be able to find any girl, who.... Such I take to be the general argument

Io $\pi a[\rho]$ ]évov.
II $\mu] \in \tau \in\{[p e l$ I believe to be the reading of $P$ also, not $\tau \eta p e i$.



Fr. 9 Col i 2 ] the right 10 part of a
the right-hand part of a cross-bar touching the top of o cross-stroke touching the top of o xI J., the right-hand part of a cross-bar touching the top of o ${ }^{2}$ O Of $\phi$ only the tip of the left-hand
angle 14 ., traces of an upright much taller than usual, followed by an uprigt with amall angle 14 ]., traces of an upright much taller than usual, followed by an upright with a small
loop at the top right-hand side, possibly p away except for the tip pu might be $\theta v$
[Addendum. Since the above was written a scrap has been inserted in the two last lines which makes them read:
and puts the presence of Alcm, fr, 24 beyond doubt.]
Fr. 8 The argument is: X is our warrant for Alcman's being a Laconian when he writes 'rivalling Laconian Alcman'. Aristotle was misled by the words '. .' into supposing him a Lydian.

8 Perhaps тékrova, cf. Pind. Pyth. iii xiz. The quotation is unknown. Among other possibilities we may envisage that it is Pindar speaking of himself in a sentence of the same kind as 1604 fr . I ii 23
效

 . 1 IT seqq.

 oappoikoc on the strength of Chrysippus $\pi$. droopar. 2I, but the truth is apparently preserved by
[It seems to me obvious that in Alcm. fr. 24, 4 the oúbed before $\oint \rho v c t$ xauoc must be deleted.]

Fr. 10
Fr. II
-

$$
\begin{aligned}
& \text { ]. } \lambda a[ \\
& \text { ]acct: } \\
& \text { ]adoce[ } \\
& \text { ]aavo[ }
\end{aligned}
$$

Frr. 10-11 The appearance of these two fragments resembles that of the middle part of fr. $6(c)$, but the writing is smaller

Fr. 102 For $\pi \alpha$ perhaps $\eta \delta$

$$
\begin{aligned}
& \text { Fr. } 12 \\
& \text { ]. [ }
\end{aligned}
$$

$$
\begin{aligned}
& \text { ] } \lambda \eta[\text { [.]a. [ }
\end{aligned}
$$

Fr. 12 The appearance xesembles that of the lower re rehand side of fr. 6 (c) $\pm \lambda$ tail as of $a, \lambda$, followed I $\Lambda$ tail as of $a, \lambda$, followed
by the base of $a, c, 3$ No room for more than $\left[\begin{array}{l}\text { it }] \text {, an up- }\end{array}\right.$ right

Fr. 13
". ${ }^{\circ}$
$\tau \alpha[$
Fr. 18 resembles fr. 7 (a) and I think may contain the beginnings of col. i 4 seq., $\tau[\eta \mu$, ra[e

## Fr. 16

Fr. I7
]aut[
]асядєuc [

Fr, I5
] $\tau \in i \cdot[$
.. $\lambda a .[$

Fr. 15 I. [, perhaps the first stroke of $\omega$ haps $\beta$

Fr. 23
${ }^{\circ} \mathrm{o} \delta[$

$$
\frac{\rho o v c a v r[ }{\frac{\rho \epsilon}{\delta \epsilon}} \frac{c^{\prime}}{\phi v} \ldots[
$$

$5 \quad.] \varphi[$
Fr. $234 v$ by correction (ex c ?) It is followed by the apex of a letter like $a$, the tops of (wo uprights, the second taller than the first, possibly $\nu$, and the upper left-hand arc of a circle 5 Above and to left of $u$ the ends of two parallel horizontal lines enexplained a tail below the line, $\rho$ or $v$ Some unexplained ink on the right-hand bar of $\tau$ 4 The top of an upright followed by the top left and arc of a circle, $f f, \mathrm{ff}$ or the like

## Fr. 20

Fr. 2 I

## ] $\eta \sim \eta \mu \in \rho a[$ <br> ] $\alpha$.

Fr. 20 in some respects resembles fr. 7 (a) col. i but does not join it so that $]$ r| $\mid$ p $\eta \mu$ epa $[\mu, .$. $\delta a \mu|a \rho| \epsilon$ is to be read

$$
\begin{aligned}
& \text { ]eגlac . . } \\
& \text { ] } \nu \in \pi \epsilon \nu \epsilon[ \\
& \text { ]. єтоитотท[. } \\
& \text { ]. } \pi \alpha \iota c \alpha \nu \in \nu[
\end{aligned}
$$

Fr. 22 I ..[, the lower half of $\zeta$ or $\xi$ followed by the lower part of a stroke rising from the line

Fr. 24
]. $a \lambda \dot{\epsilon} \iota \kappa[$
]cто[

Fr. 24 I ], a small hook above the level of the letters, perhaps $\kappa$ or $X \quad \epsilon$ presumably meant to be cancelled, $九$ rubbed and faint

Fr. 214 ], a dot level with the top of a 5 . [, perhaps the extreme left-hand of $\xi$, but $\zeta$ more like the ink

$$
\begin{aligned}
& \text { Fr. } 25 \\
& \text { Col. i Col. ii . . } \\
& ] \phi \in \stackrel{\cdot}{\bullet} \\
& \text { avor } \\
& \text { ]. Пкє } \\
& \text { ]ov } 5 \\
& 5 \text { ]cou } \\
& \begin{array}{cc}
] \nu i & \theta[ \\
& \gamma[
\end{array} \\
& \text { Fr. } 25 \text { Col. i } x \phi \text { made on another lette } \\
& \text { edge of the loop of } p \\
& \text { Col. il } \mathrm{x} \text { The left-hand angle of } \delta, \xi \text { or the like } \quad 7 \text { For } \% \text { possibly } \pi
\end{aligned}
$$

44
NEW CLASSICAL FRAGMENTS

$$
\begin{gathered}
\text { Fr. } 26 \\
\text {. } \\
\text { ].[. } \\
\text {. . } \iota \subset \delta t a[
\end{gathered}
$$

Fr. 26 I Perhaps more probably part of an interlinear letter belonging to the next line 2 After $\delta$ an upright followed at an interval by a spot of ink level with its top, e.g. $\omega$ or $\iota$. The next trace suggests $\nu$, though this does not account for ink between it and the following a

| Fr. 27 | Fr. 28 | Fr. 29 |
| :---: | :---: | :---: |
|  | ]. $\lambda \kappa[$ |  |
| ]c.[ |  | $] \epsilon$ |
| $] \eta \nu[$ |  | ]cı |
| . . |  | ] $\epsilon$ |

Fr. 30
]. . $\theta \in[$
$] T \eta \subset \subseteq[$
]rou[
]. [
Fr. 30 I ]., the top and bottom of an upright followed by a dot on the line, perhaps only
one letter, e.g. $\eta$ 4 The top of a cixcle
2389. COMMENTARY ON ALCMAN

|  | Fr. 32 |
| :---: | :---: |
|  | $] \delta \in \phi \dot{a}[$ |
|  | ]av乡ท..[ yap[ ]aтацєvтท[ |
| 5 |  |
|  | ].aךסovoc.[ |
|  | ]тпсиєлот[ |
|  | ]каıшстотє.[ |
|  | ]ceıp.. ac.[ |
| 10 | ].[ |

Fr. 322 After $\eta$ possibly the uprights of $\pi$, followed by the foot of another upright the right-hand part of a cross-bar touching the top of an upright, perhaps ] $\boldsymbol{\pi}$. .[, an upright with top tuming slightly over to the right and traces opposite the middle; $\varepsilon$ not suggested, perhaps $\beta$ or $\beta$ 8. L, perhaps the top part of $o$ or the first apex of $\mu \quad 97 \%$ possible but not verifiable the tip of an upright inclining slightly to left

$$
\begin{aligned}
& \text { Fr. } 33 \\
& \text { ] }{ }_{\eta} \text { сар } \chi^{\omega} \text { [ }
\end{aligned}
$$

$$
\begin{aligned}
& \text { ]иеикасьаขסє.[ }
\end{aligned}
$$

5 ]oc.[.
Fr. 33 .[, the foot of an upright

## Fr. 34

]. $\varphi[$ ]ocтрar[ ]ocvข[ ].[.].[

Fr. 34 I ]., possibly $\eta$ but perhaps $\rho$ or $v$ followed by $\gamma$ or $\iota$ a more satisfactory interpretation of the ink

Col. i

$$
\text { Fr. } 35
$$

(a)

Col. ii
(b)

5 (c)

10


]. ceal.] ]ктаиєнтเта [


15

20


сатєцад[ .].[..]..'[

These fragments (some themselves made up of smaller scraps) are located in the following ways: the level of $(b)$ relatively to ( $a$ ) is fixed by the cross-fibres, their distance apart is not determinable from the external evidence except that they must have stood clear of each other; the level of (d) relatively to (b) is similarly fixed by the cross-fibres and their distance apart not determinable by
 $\pi[\tau \epsilon p a r \omega]]$, should not be overlooked; the level of $(c)$ relatively to $(b)$ and $(a)$ is fixed by the cross-
fibres, its vertical position by what looks like the right-hand fibres, its vertical position by what looks like the right-hand end of a paragraphus (though I cannot
rule out an acute accent) below 1.8 and the fibres of the back which rule out an acute accent) below 1.8 and the fibres of the back which appear to be continued in (d), but,
though the contents have reference to the same subject as $(a)$ and $(b)$, the natural (b) 11.7 and 9 are not to be recognized at the beginnings of (c) ll. 8 and to; the level of ( $f$ ) relatively to (d) and ( $($ ) is fixed by the cross-fibres, the appearance of the back is consistent with a position below the central part of (a), but there is an inconsistency in the level of the writing between ( $f$ ) on the one hand and $(d)$ and (e) on the other, which I cannot account for, if it is rightly located between them; the levels of $(e),(h),(i)$ are fixed relatively to one another and to (d) by the cross-fibres, the vertical position of (e) by the fibres of the back which continue those of (a), the intervals between $(e)-(h)$ and $(h)$-( $i)$, though not determinable by external evidence, may be given by the supplements $x[a \lambda k \eta] \delta \omega v, 1.15$, and $\mu \alpha x[\mu \nu 1]$, 1. I7; finally, the level of $(g)$ relatively to $(i)$ is fixed by the cross-fibres, its position at the beginning of the line by the paragraphus.
See further the commentary.

See further the commentary.
Fr. 35 Col. i 1 ]., three dots in a vertical line, presumably remains of an upright perhaps the lower right-hand arc of a circle 4]. [, traces compatible with $\rho$ or $\eta$ and 3]., $5 .[$, off the line the start of a stroke rising towards the right $]$, the tip of a $\rho$ or $\eta$ and $\eta$ or $\eta$ Between this and $\delta$ a dot level with the tops of the letters, more probably $\delta^{\prime}$ than $\gamma^{\prime}$ or $\left.\kappa^{\prime} 66\right] . .[$, a

dot off the line followed by an upright c.[, the foot of an upright below the line $]$.., a loop, open to right, on the line and beyond a trace at mid-letter $\quad 7$ For $\}_{k}$ perhaps $x$ For $\underset{\tau}{ }$ a more natural reading might be $\dot{\gamma} \quad 8$ [, an upright with a stroke meeting it at the top, perhaps $\gamma$, but $\nu$ not excluded ]., the central part of a stroke descending from left, $\delta, x$ or the like of $\tau$ | only the stem and right-hand side of the cross-bar but $\gamma$ less probable | $9]$, the lower part of |
| :--- | :--- | an upright $\kappa^{\prime}$ is not only crossed through but has a dot above it ro ]., the end of a horizontal stroke just off the line ]. $c$, the top of an upright I3]. $c$, the right-hand end of nearly horizontal line touching the top of $\epsilon$ ]. $\lambda$, a slightly convex upright I6 Or $3<0$ \& ap parently retouched or corrected $\bar{\eta}$ anomalously made and the circumflex anomalously placed ap

 wards the right $\tau$. [. the base of a circle
${ }^{22}$ Perhaps \& or or d
Col. II II Of ]a only the tip of the tail, but I doubt whether $\delta$ is possible 14$] \ldots$ perhaps $\left.\begin{array}{lll}\text { the } \\ \text { much like } \lambda \lambda & 20\end{array}\right]$., a high dot compatible with the tip of the right-hand branchrcle $\mu$ looks

Fr. 35 Col. i Although the contents of ( $a$ ), ( $c$ ), and the upper part of (b) appear manifestly to refer to the same subject, there is a difficulty, which I cannot resolve, in reconciling the positions assigned on the strength of the fibres to $(a)$ and $(c)$ with the prima facie probable restoration of the text. The natural continuation of $\tau \mathbf{a} c \mu 0 \nu,(a) 1.7$, would be cac, in place of which there appears J $] p,(c) 1.8$,
 beginning ( 1 . II, would be expected to be preceded by in in (a) 1.10 , in place of which there
 ane an inordinate extension to a single note.

I $\pi a p c e v[$ presumably part of a lemma.

 in Aeolis, though Arapviठ́c in fr 6 Pitane, since the $\Delta \hat{v}^{\prime}$ auvar appear in the context, than to Pitane ridec is not inconceivable. The letters ]racap $\oint$ [ in l. II might likewise, if divided before $c$, give an
 Muses at Trozen).

 Steph. Byz. in $\Delta v \mu \hat{\nu} v e \varepsilon$ that it is the feminine of the Dorian tribe-name) occurs in the title of a play of
 Georg. 11487 . I cannot see that anything preserved here or in $2388 \mathrm{fr} .5,2390 \mathrm{fr} .2$ ii tells us more
The presence of suruvar makes it wo
The presence of $\triangle u \mu \mu u$ vat makes it worth while calling attention to the compatibility of the
 paraller is the usual contraction, e.g. BKT iii, p. 28, $15,856,65$. I have also found $\phi$, but not, that $I$ remember, $\bar{\phi}$.

6 I have considered the possibility that ]. .prav is the Doric accusative of the same word occurring in its Attic nominative as ].evrpc at 1. 8, but the first letter seems different in the two places.

9 seq. ] $\pi \epsilon \omega \nu[$ and $]$ ccate $\omega \pi$ look asif they might be in some relation to $\epsilon \pi \epsilon \omega \nu$, L. 14, and aetcate[, 1. I6.


 possibilities besides $\pi \tau \varepsilon \rho 0 \hat{1} \neq \omega \nu$.

I5 I do not think кa入la (which may occur Alcm. fr. 98) can be read, though the $\mu$ is rather nomalously made (but. col. ii r7).


Col. ii Lines $\mathrm{I4}-20$ are obviously concerned with the various applications of the name $X a i k i \delta \delta \bar{c}$ and this theme may have begun earlier since there are Xaגkiceicic in Ionia ( 1, Ir ?) and a Xaגkic in Thessaly (confused with the Aetolian, e.g. by the commentators on Dion. $\pi \in \rho / \tau \gamma$. 496) as well; see for about warlike peoples ( $\mu \dot{\alpha}$ גupol li. ro, 17 and see note on 1.20 ).

In seqq. oi © © Tic Hetpov theor third of the names occurring here. Since it most probably ends in -ato-, I should guess Kacculy yalouc.


 ginning of a proper name. There is not much choice in such and I find none relevant. About the same number of letters is missing in 11 . 15 -16. There is a number of references to Chalcidians and Chalcidice in the extant fragments of Theopompus but they throw no light on this.

 trabo 447 .
 Uuppetion icróppprau (cf. his note on $1 l$. ii 537). They may, therefore, have been a third example of

2890. Commentary on Alcman, etc.

The fragments here collected all seem to be in one hand, but this hand is in itself far from regular in the size and structure of its letters and between some fragments and others there are wide variations in its appearance. Besides the commentary on Alcman, which can be certainly recognized in the largest fragment and may be considered with probability to be represented in several others, there is reason to suspect the presence of a commentary on an Ionic text (frr, $50(a)$-(d)), and if there are parts of more than one manuscript it is not possible to say how many manuscripts there are. But the question is of no practical importance, most of the scraps being too small to hang any interpretation on. Fr. 2, in which alone it has been possible to combine a considerable number of small scraps, contains in its second column tantalizing references to at least one and possibly three historical Spartan figures, but I do not know that anything can be deduced from them about the relative date of Alcman, of which we should be glad to have exacter knowledge.

The writing, as has been said, is irregular in size and structure and though not a cursive contains a certain number of cursive forms and ligatures. I suppose it to be assignable to the second century.

Fr. 1 (a)-(e) The appearance of these five fragments suggests that they come from the same neighbourhood. (a) col. i may well be, within a line or two, the top and (b) col. ithe bottom of the same column, though I am not sure that they do not actually touch, in which case the absence of any trace of writing below the last line of (b) co. i, more likely to have stood on its right orits left I(d) and (e) I should guess stood to the right of (a) and (b) (a) Col. i 2 The indications suit, e.g., the lower parts of $a \gamma_{\rho}$. branch of $v$ suggested $\quad 6$... the top of a stroke descending left to right followed at an interval by a dot just below the tops of the letters 7 After $y$ the top of a stroke descending left to right and at an interval the bottom of a stroke descending left to right ; yap possible 8 ]., a trace of the upper right-hand side of a loop, perhaps $\rho \quad 9$ ]., the right-hand arc of $o, \omega$
the top of a stroke compatible with a
(b) Col. i 2 Above $\phi \rho$ a short vertical stroke, apparently neither an interlinear letter nor the tail of a letter in the previous line 3]., a curved stroke on the line, possibly the tail of a slope of the top of JL suggests that it may have been attached to the preceding letter right-hand arc of $0, \omega \quad 9$ ]., traces suggesting the top and bottom of the right-hand si, the $\pi$ (or $\xi$ ?) [, the top part of a stroke curving slightly to right and the extreme tip of a second; $\mu$ not suggested
(c) I ]. .[, the tail of a letter like a followed by the lower left-hand arc of a circle. There may be no letter missing between these two and the next three, ]... G which are represented by a hook on the line and two long hooked tails, as of $\phi$ and some specimens of $\rho$. The last three might be ] $7 \boldsymbol{p} .[$. in which case nothing is mis
stroke compatible with a
(d) 3 .. [, an upright followed by a curved stroke, e.g. $\kappa$, but $\eta$ perhaps not excluded
(e) I There may be two letters before $\lambda$, the first represented only by the extreme tip of a stroke descending to the line from left to right

Fr. 1 (a) The mention of Polydeukes (11. 3, 9) in conjunction with 'sisters' (ll. Io-II) suggests that here is part of a commentary on a passage relating to the Dioscuri and Leucippides. Cf. 2389 fr. 4. L. 5 might then contain the name Kácr]wo.

 (c) 2 seq. $\Phi$ oi' $\beta$ atoc would be more correctly a derivative of Phoebe (one of the Leucippides) than
 no record of what the $\Phi_{\text {oi }} \beta \boldsymbol{\sigma} a$ were.
Fr. 2

Col. ii


Fr. 2 Col. i 23 ] $\alpha y$ compatible with the traces but of $a$ only the base of the second upright and the extreme top and bottom of the first 27 ]., the lower right-hand arc of ${ }_{\text {see part of the upper arm }}{ }^{28}$ ] , an uprith foot hooked to left, $v$ suggested 29 If $x$, one would expect to Col, ii I I ., the tip of a perhaps $\lambda$
ested, but not impossible $\quad 2$. [, $\in$ not suggested, but not impossible 4]., the foot of an upright, compatible with $r$
2. [, 6 not sug-
if $].$, a spot on upper right-hand arc of a circle with a horizht; possibly parts of two letters Between $\delta \epsilon$ and $\epsilon \nu$ the upright and perhaps a trace of the top left-hand arc of a circle dmit of [ro]u After 0 The space would probably with the tail of $a ;{ }_{k}^{k}[\rho] a$ would suit both the ink and the space of the letters; the following $q$ is represented only by the top of a stroke descending left wo 22 ., a dight tops same level ${ }^{23}$ ]. a, a stroke descending from left to right suggesting $\lambda$, but I cannot say $\mu$ is excluded
27 .[, the base of a circular letter $\quad 29$ The space seems to exclude av]rac

Col. ii
Fr. 2
Col. iii

]тарастаөєícà

$5 \quad \omega v[\quad \kappa a i$ T] $] \rho \rho a v \nu i \omega \nu$ divayt


 סooicetc av̉̉óv. où yàp подum

 $\mu \omega \nu \dot{\delta}$ Ká̀ ${ }^{2}$




1.act Tupoc. фuàv $\delta_{\mathrm{E}}^{\mathrm{E}}, \mathrm{Ev}[\mathrm{]}$

































 рос каі те́кцшр каі ско́г[ос ].[ dиар Te kal cêadava kai tpírov ckóroc. tac




Col. iii 2 ...[, a dot level with the tops of the letters followed by the hooked foot of an upright, possibly $\nu$; next a horizontal stroke on the line with suggestions of a stroke rising from its left-hand end, e.g. $\delta$; of the third letter only a faint trace on the line $5 .[$, the left-hand end of a stroke level with the top of $\imath$, e.g. $\pi, \tau \quad 6$. $[$, the top of an upright 8 .[, a dot above the level of the letters $\quad 16 a \mu] a$ perhaps sufficient for the space $\quad 17$ After $\tau a$ what most resembles the lower right-hand parts of $\beta$ followed by the bottom half of $\kappa$; $\epsilon \kappa$ can hardly be read and does not seem to suit the sense ]., the top of an upright with a suggestion of a stroke touching the top left-hand side; ]. $\iota$ might be read 18 xàкou unsatisfactory. The first letter was originally $\kappa$ but this wa either cancelled or converted to $x$; of the last only the hooked lower half is preserved. I do not understand the purpose of the interlinear $\lambda \quad 20$ [ve not [urac prescribed by the length of the other lines 24 .[.].., a cross-bar, as of $\tau$, followed at an interval by what might be interpreted as a letters, viz. av, and that between $u$ tro and mo tavto should not be read

Fr. 2 Col. ii 4 seqq. $\theta^{\epsilon} \omega \boldsymbol{\omega}$. . . каil Tupavi $\omega \nu$. The first may be supposed to be the Augustan grammarian, 'son of Artemidorus' (Et. Mag. 144, 55 ; colophon of an unpublished commentary on the Pythians), whose activities are known to have consisted largely of commenting on poetical texts, though nothing on Alcman is recorded. The second may be either the approximately contemporary younger Tyrannio or his master, Cicero's friend, the elder Tyrannio. Neither of these, to judge by the list of their works given in Suidas, who confuses them, wrote commentaries on particular texts, but
ither more general (e.g. on orthography) or more special (e.g. on Homeric accentuation) treatises.
тafcieav, 1. 3, and $\pi \lambda \eta$ ciov रpueoû crâcav, Il., 7 seq., no more need be meant than that they preferred

 not think it would be justifiable to assume that mapacraधिicav need be part of it and not, like $\pi$, 1 do . . crâcar, part of the paraphrase.
9 droictce: I see no usual employment of $\delta$ radéfety which seems suitable here. 'You will repulse it' should be סtcócel.
' $\quad$ modvnipusv 'having many hurts' seems not to recur till Manetho and I suspect the interpretation. 'Not hurtful nor harsh' is prima facie the likelier meaning of the words.

Káhaucoc: the ending as in Aúkacov, Louvre parth. col, i2. Cf. Kadabic Theoc. v 15.
13 ¿одec: 'let us go', an epic form with dialectally adapted ending.
I4 пar $[8 \omega \hat{\omega}]$ dapicrav, referring presumably to the Timasimbrota mentioned below.
14 seq., In seq. In the Eurypontid genealogy preserved at Hdt. viii I3I a Leotychidas occurs sixteenth in descent from Heracles, and according to Rhianus (ap. Paus. iv 15, 2) a Leotychidas was we know is Hippocratidas (Hdt. I.c.). I should gather from the only son of this king of whose name Leotychidas and his son appeared in the lemma of which the berning and and the names of both son was Hippocratidas we cannot tell. son was seqpocratidas we cannot tell.
the father of Timasin Eurykrates.
I7 Although it is by no means the reading that would first suggest itself and remains unverif able, I think it is not impossible that guav o $\epsilon \circ(t) \kappa \epsilon \nu$ should be posited. ' He ', perhaps Kalaiso 'resembles in фuá . . . the yellow-haired child of . . .

I8 It cannot be established whether $-\delta \omega \rho \omega$ or - $\delta \omega \rho \omega \omega[\iota$ was written. The choice will depend on what was written in 11. 20 seq., which itself is uncertain.

20 seq. In the Agiad genealogy at Hdt. vii 204 a Polydorus and his son Eurykrates occur in the fourteenth and fifteenth places in descent from Heracles. Polydorus was contemporary with Theo pompus, twelfth from Heracles in the other house, king of Sparta in the first Messenian war. If \%ad Euvbüt Hodvowpo is read in I. 18 and if 11.20 seq. are supplemented to the effect that the father the two of the genealogy. But it must be emphasized that the two of the text can be equated with royal persons are in question, except Leotychidas ; that that commentary gives no hint that any space at the beginning of 1. 21, unless ramp was abbreviated ; and that if - $\alpha$ to low is to the available and uioc for $\pi a \tau \neq j$ in $]_{\text {. 2I }}$, the relationship is inverted and the equivalence with the persons of the Agiad genealogy precluded. It seems'possible that the poem itself made it admissible to refer to a character's father and daughter, which otherwise strikes me as a peculiar way of identifying him
${ }_{22}$ The The conspóтa: for names of this form cf. Louvre parth. col. iii $5,2388 \mathrm{fr}, \mathrm{x}, 9$.
22 The context no less than the coronis shows that a new piece begins.
$\tau[] \omega \nu: \pi[a v \tau\} \hat{\omega} \nu$ requires a forced interpretation of the ink before the gap, but $\tau$ itself is
somewhat anomalous and $\pi$ is perhaps admissible. somewhat anomalous and $\pi$ is perhaps admissible.
23 In view of what follows at ll. 28 seq. it may be as well to say, that, though $\mu$ arpóc could be accepted, yac cannot be read for cac, in spite of surface damage which has destroyed the lower part
of the first $\varepsilon$. 24 seq.

hat the traces of ink over $\tau<$ are not $a$, this letter is to the right of the position it should have, if meant to be inserted between $\nu$ and $\tau$, and besides it may be questioned whether a фuरो would be edined by its female members.
]rpa puts one in mind of $\pi a ́ r \rho a$, i.e. фparpia, but I do not know how suitable this word is to Spartan

 reconstituted from scraps which may not have been attached with exact accuracy, there appears in some places to be insufficient space for the supplements. Except that фuctodoyei may have been abbreviated, I believe difficulties to be illusory.

 have no belief that this is what was written.
28 seq . The sense is given by Diod iv 7 g


 icтаройсı.


8 seq. I suppose, $\lambda\left[\epsilon^{\epsilon} \gamma \leqslant \boldsymbol{|} \mid\right.$ oiv $\kappa \tau \lambda$., although this does not properly account for the trace of ink after dipxij.
${ }_{17}$ All that seems to be necessary is $\tau \mathfrak{a} \mu \dot{\mu} \nu$ návza but $I$ cannot read this. I should have confidently expected ónoiav (though àvà dóyoy would express the relation more accurately), but there is no uestion that it was not written.

24 Nothing better occurs to me than vimò raủró, which I suppose might mean 'simultaneously' The commentator's style is rather rambling, I suspect that there is at least one error in the text The following be sure of the reading in some places that appear to be important for following the sens beginning there was the vidy, i.e. the undifferentiated (ll. 9 seq., 23). Since Alcman certainly did not use this name, what name did he use? I should have expected it at 1.17 , where nothing but $\pi$ ávтa is recognizable. Next there came into being an organizer of the $u \lambda \eta$, who is rather surprisingly called Thetis, ${ }^{1}$ then mopoc, the 'way of contriving' things or 'beginning', then $\tau \in \kappa \mu \omega \rho$, boundary or 'end The relation of 'Thetis' to matter' put in another way (I. $x 7$ seqq.) is that of the artiticer to the bronze in which he works. It will be recalled that in the Louvre parthenion col. i is seqq. Atca and Mópoc appear to be referred to as 'the most aged' of the gods and a scholion there equates Hópoc with Hesiod's Xáoc. A reference to Theogon. ri6 seqq. shows that in the poem here commented on Hópoc occupies a quite different position. In Hesiod Chaos прwícecta , . yéver', here Hópoc (though no doubt тpecync, 1. 20, applies to it) is subsequent to the $j \lambda \eta$ and to Thetis. This would leave 久aoc free to " $\lambda \boldsymbol{\eta}$ was undifferentiated it follows that there was 'darkness' over all (1 23). It is not strictly logical to associate this darkness 'as a third' with mópoc and téкнup, since it must have preceded even 'Thetis', and I should have thought it poetically impossible to associate it again 'as a third' with 'day', i.e. sunlight, and 'moon'. But if it did not occur in both places, I can offer no cogent argument for preferring it in the one rather than the other

26 seq. тac $\mu$ ардариуac. If this is a lemma, I do not know what it is doing here. If it is an inter
 why it is in the accusative.
${ }^{1}$ It would not have surprised Pott. See Zeitsch. f. vergl. Sprachforsch. viii ${ }_{174}$ (ref. from Roscher in Thetis, col. 793). Cf. also, though this is of a rather different order, Schol. B in Il. i 399
2390. COMMENTARY ON ALCMAN, ETC.


Fr. 3 appears to come from the centre of the upper part of fr. 2 col. ii I Perhaps $\pi \lambda$ deleted or $\nu \lambda$ with the ink of the cross-stroke of $\nu$ run

2], a hook on the line,

 end recalls the angle of a 'filler', not a letter, but the 'filler' does not occur elsewhere in this piece 4 P not satisfactory but I do not think $\rho \subset$ preferable $\quad 5$.[ the top of a circle, e probable 6 . perhaps c

$$
\begin{gathered}
\text { Fr. } 4 \\
\text { ]. }[ \\
\text { ] } \bar{d} a \pi \alpha[
\end{gathered}
$$

Fr. 4 Perhaps from fr. 2 col. ii
I ., the tail of $a, \lambda$, or the like $\quad 2$ Of $a[$ only the end of the loop

]т $\varphi \tau \iota[$
Fr. 6 Apparently from the neighbourhood of the right-hand side of fr. 2


Fr. 7
]... $\in$.
]акап[
Fr. 7 Perhaps from the neighbourhood of fr. 2 col. iii

I Perhaps ]. pa .[, an upright with a stroke crossing the top, $\pi$ or perhaps T

Fr. 9
]ac. ]ovạ.[.].ī
] $\omega!\pi \epsilon \rho[$
]кат $\Phi[$
5 ].eve[
jap!
. . .
linc
Fr. II
]аүка̣

Fr. 13

]. [
]camגa.[
].c..[
Fr. 13 I , [, the lower part of $\varepsilon$ or $c,[$, traces of an upright 3 ], the tip of the upper curve of $\varepsilon$ or c suggested After e perhaps interval the tip of an upright

Frr. 10-13 also may come from the neighbourhood of the left-hand side of fr. 2


Fr. 15


Fr. 16
] $\operatorname{ckou}$ [
] $\pi \alpha \nu \in \mu[$
].o[

Fr. 17 ı ], $v$ or a combination like $a, \lambda_{t}$ probable
There is ink above the right-hand side of it belongs to this line, $\tau<$ must be read for $\pi \quad 2$ Of $]_{\xi}$ only the end of the cross-stroke ; $\theta$ possible Fr. 18 I ]., the end of a cross-stroke level with the top of $\quad 2]$, the end of a cross-stroke just below the top of $\gamma$ 3]., the lower end of a stroke descending from left . [, or or $p$ There the second was the third, which may have been cancelled or cor ected, was perhaps $p$; at the end $\mu$ likely but perhaps $\lambda$. [ possible

Fr. 192 .[, perhaps part of a circle

```
4. [, the left-hand loop of \(\phi\) ?
```

.., a hook on the line followed by a short stroke ascending from left to right .[, a stroke ascending from left to right 3 .[, a short upright off the line


Fr. 24

1. єौach
] $\omega \pi$ uporic

Fr. 26
] [
]. $a[$
]кає [
]loc [

Fr. 26 y Not certainly the upper margin ., perhaps $\rho$ but $\eta, \pi$ not excluded nomalous, but I see no other combination to produce something likelier

Frr. 25-26 evidently come from the same neighbourhood

Fr. 25 I Unaccounted for ink, like an acute, ver the first stroke of $\kappa$, which is itself ano malous 2 ], $\mu$ possible but only the ex treme tip of the tail preserved


Fr. 272 ]., perhaps the overhang of $c$ The ink at the end recalls no letter of this hand and may not be part of the text 6]., a d on the line, $a, \lambda, \mu$, among the possibilities

| Fr． 28 |
| :---: |
| ］oet．．ele |
|  |  |
|  |
| ］$\omega$ 入 $\epsilon \boldsymbol{\gamma \in !}$［ |
| ］$\pi \epsilon \rho \iota \gamma \mathrm{p}$［ |
| ］calya［ |
| ］ov $\in \chi_{\text {．}}$［ |
| ］pımapa［ |
| ］．$\chi$ ．［ |

Fr． 286 ．［，traces of an uprigh 8］，a dot level with the tops of the letters，e．g，the overhang of $c$ ．［ perhaps a circular letter

|  | Fr． 29 |
| :---: | :---: |
|  | ］．$\lambda_{l} \ldots . . v[$ |
|  | ］．$\rho \in \operatorname{tek}[$ |
|  | ］$\pi \in \rho$ ¢ $\epsilon \alpha[$ |
|  | ］．$\epsilon 0 . \alpha \pi \rho \circ .[$ |
| 5 | ］$¢ є \tau \iota \nu \mu[$ |
|  | ］eтtchav［ |
|  | ］тасך＜ф．［ |

Fr． 29 I ］．，perhaps the right－hand part of $a$ ，but off the line and otherwise anomalous ；$\in$ no more ikely After $t$ the foot of an upright sloping slightly to right，a trace on the line，o or the lower right－ hand part of $\omega$ ，the start of a stroke rising to right，the upper part of an upright 2 ］，ink resembling the lower part of a small $\epsilon$ ，but not $e$ of this hand 4］．，a trace suggesting the top of a circle After $\epsilon \frac{0}{}$ the top of an upright The ink interpreted as $a \pi$ might be otherwise combined， e．g．nu ．［，a trace（of a circle ？）level with the tops of the letters $60 \mathrm{O} q$ only the extreme left－ hand and right－hand parts $\quad 7$ Of $\tau$ only parts of the cross－stroke；$\pi$ may be possible，or two letters may be represented ．［，the middle of a stroke descending from left to right，perhaps part of a circular letter

Fr． 30
］． $\operatorname{\beta ota}[]$［
］kgruľev／kv［
］．єшкатадег［
］e $\theta \mu$ оvaudo［
5 ］eтauau入o［
］．． дя $\mu \mathrm{m}$ ．［
Fr． 30 I］．，a trace compatible with the tip of the right－hand branch of $v 3$ ］．，probably a but I cannot exclude $\mu \quad 5$ The $v$ is anomalous and may have been made out of an original a 6 ］．．，possibly av but very cramped ．［，a dot on the line


Fr． 3 I
$] \eta \nu \epsilon थ \delta[$
］Botay［
］［

Fr． 32

Fr． 32 ェ ．［．］．［，the lower left－hand arcs of circular letters 3］．，the right－hand stroke Fr． 82 I．．］．．，the lower left－hand arcs of circular

## Fr. 33



Fr. 33 Four scraps from the same neighbourhood, of which the levels are fixed by cross-fibres and the retation of (b) to (a) by the vertical
(a) I ]., possibly $\nu$, but the shape rather anomalous
(b) I ]., an upright
(c) 3]., ior ${ }^{y} a^{\lambda}$ rather suspect, but if $a^{y}$, the second upright should be visible $\quad 5$.[, per haps the tip of the left-hand branch of $v \quad 6$.[, the back of a circular letter
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Fr. 34
].. [
] $x_{n}$ [
] $] \mu a[.] \mu \eta[$
]. $\epsilon \pi \epsilon \pi$.[
5 ]. среланоре, [
].[ ]. $\mu a[$
]. $a \lambda \kappa \mu[$

10
$] s \psi . \mu \omega[] ..[$
$] .[$
$] . \nu \tau .[$
$] \eta \nu . .[$
$] \quad[$
Fr. 34 I seq. Apparently smaller and perhaps not part of the text $\quad 3$ For ] $\mathbb{t}$ perhaps $y$ or $\tau$ followed by $\eta$ 4]., the lower right-hand arc of a circle .[ a slightly curved upright io ]. a cross-stroke level with the tops of the letters

7 seq. $A \lambda_{\kappa \mu}[a \nu \ldots \quad \in] \nu \tau \omega ิ(\pi \rho \omega \dot{\tau} \tau \omega \iota)$.


$$
\begin{aligned}
& \text { Fr. } 36 \\
& \text { ]. } \cdot \\
& \text { ]. } n \leqslant \\
& \text { ].. } a \phi \text {. } \\
& \text { 3pov }
\end{aligned}
$$

Fr. 354 There appears to be no correction in the line and the meaning of the interlinear $\begin{array}{lll}\text { addition is obscure } & \text { Of } \phi \text { only the tail }\end{array}$ upright

| Fr. 37 | Fr. $3^{8}$ | Fr. 39 |
| :---: | :---: | :---: |
| ] | - . |  |
| ]. . [ | ]. . $\beta \in!.[$ | ]..[.].[ |
|  | $] \eta \subset .[$ | ]ісакк[. |
| ]c才акрır [ | - . | . . |

Frr. 37-39 come from the same neighbourhood
Fr. 37 I The tail of a stroke descending to the line from the left, the base of a circular letter and a twisted stroke touching it and descending below the line; perhaps c(ac) or $\theta(a)$ possible 2 ]., a short upright level with the tops of the letters, $v$ not particularly likely $\quad 3$. [, the left-hand arc of a circle

Fr. 38 I ]., a small hook to the right on the line, the end of an upright below it, and a short cross-stroke touching the top of the lower loop of $\beta$; I cannot interpret the traces whether as parts of one letter or of two Of only the stem, perhaps $\tau$.[, the lower part of an upright followed by the lower left-hand quadrant of a circle, e.g. $\pi$ or uc or the like $\quad 2$.[, perhaps the upper left-hand
corner of $\pi$ corner of $\pi$

| Fr. 40 | Fr. 4 r |
| :---: | :---: |
| $\text { ]. } \beta \iota \eta \pi \omega[$ | - $] \times$. $[$ |
| ]. кoyrto [ | ] $\boldsymbol{\kappa} \boldsymbol{\kappa}$ к, [ |
| ]. $\operatorname{pa\kappa \lambda \in \tau up[~}$ | ]. $\kappa \in$ [ |
| ]ov... 0 .[ | ]carol |

$\mathrm{Fr}, 40 \mathrm{I}$ ]., the foot of an upright 2], a dot level with the tops of the letters. [, a dot tops of the letters 3], a trace compatible with the bottom right-hand hook of $\eta$ After $v$ perhaps $\xi \in$ The top of an upright at an interval after $\varepsilon ; \nu$ would suffice, otherwise [ should be written .[, the upper end of a stroke descending to right

Fr. 43
Fr. 42

| ]. .[ |
| :---: |
| $] \nu \omega[$ |
| ] $\boldsymbol{P} . \in \lambda$ |
| $] \omega \subset \delta \delta[$ |
| ]. $\mathrm{ov} \lambda$ [ |
|  |

Fr. 43 I The lower left hand comers of two circles 5 ]:, on the line the tail of a 5troke descending from left

Fr. 44
]...[
] $\pi 0$. [
] 040 [
]. [

Fr. 45 (a)
] vompt. [
] $\omega c \beta o \rho$.[
]. $\alpha \omega[$

Fr. 45 (b)
т.[
...... .
$\qquad$
.
Frr. 45 (a) and (b) are evidently part of the same column but do not appear to join. ratw (b) I $+(a) 3$ ) cannot be read
(a) I $\pi$ might be $\eta \quad 3$ ], apparently the top left-hand end of a stroke descending to right (b) I . $[$, a short curve on the line 2 The first letter has a cross-stroke like $\tau$, the second an pex like $a$, the next has an upright first stroke with a stroke descending through its top, but no aom for $\nu$, the next might be $v$; before \& a round-topped letter like $\beta$, after ! the left-hand arc of circle

|  | Fr. 46 |
| :---: | :---: |
|  | $\dot{o v}[$ |
|  | $\kappa \eta[$ |
|  | Bo.[ |
|  | $\beta \eta[$ |
| 5 | $\tau \omega[$ |
|  | a ${ }^{\text {[ }}$ |
|  | o $\delta \underline{y}$ [ |
|  | $\eta \lambda[$ |
|  | $\epsilon \subset$ [ |
|  | $\pi_{R}[$ |

Fr. $464 \mathrm{\eta}$ not satisfactory but I see nothing more probable

$$
\begin{gathered}
\text { Fr. } 47 \\
\text { ]..[ } \\
] u \delta \delta[ \\
] \operatorname{lov}[ \\
] \operatorname{Tap}[
\end{gathered}
$$

Fr. 48
]. $\tau 0[$
] $\quad$ ra[
] yc [
]. $\omega[$
5 ]ata[
] $]$ [
] Ho [

Fr. 48 I ]., a dot level with the left-hand of the cross-stroke of $r$, compatible with $v$ 4 ]., the right-hand end of a cross-stroke touching the top of the left-hand stroke of $\omega$
2390. COMMENTARY ON ALCMAN, ETC.


Fr. 49 Col. i 4 ]., the traces suggest $w \%$, but the fibres are disordered and perhaps simply ${ }^{6}$ should be written 5 ]., the bottom left-hand arc of a circle followed at an interval by an upright; $\omega \iota$, $\epsilon \nu$ and similar combinations possible 6]., an upright 8 ]., a trace below the line I2 ]., a low horizontal stroke, touching $\rho$; probably $\beta$

Col. ii 3 The fibres are in disorder; possibly $\eta$ for $\&$. [, the lowest arc of a circle, e.g. $\epsilon$ or a 7 ..[, traces compatible with ov II .[, slight traces not suggesting $\rho$ but compatible with it r3.[, the left-hand side of $a$ or $\delta$
15. C , be the left-hand end of a middle cross-stroke

Col. in seq. There is a possibility that a comparison with Hes. $\theta_{\varepsilon \circ \gamma} .375$ seqq. is apposite :
 $\left[\left({ }^{\circ} O\right)\right]$ Pptá $\left.\rho \in \mid \omega c\right]$ (l. 12).

Col. ii II There may be a mention of the second book of the Parthenia (or the second parthenion?).

Fr. 50


Frr. 50 (a)-(d) Though these four fragments may be supposed to come from the same neighbourhood I cannot determine their exact positions in relation to one another. I should say that (a) and (b) the colour of the papyrus I should infer that $(a)$ is to be placed to the left of $(c)$ not lower than 1.20
and (b) to the left of (c) not higher than 1. 2I. The same criterion would lead me to place (d) to the right of (c), in which case (d) i $4,6,7$, Io have reasonably satisfactory continuations in $(c) 11.5,7,8$, II though I cannot with complete confidence trace the fibres across from one fragment to the other For considerations relating to a different location for (b) see the commentary at 1.26
(a) $x_{7}$ The remains of the first two letters suggest the bases of $\delta_{\epsilon}$ The last letter might be a 27 (b) 22 For $] \mu$ possibly ]a 24 ]

24 ]., traces compatible with $v$, but I am doubtful how much is in 27 Of ] only the end of the cross-bar $\quad 28$ ]., the tail of $a$ or $\lambda \quad 29]$., the upper part of a
stroke leaning slightly to right The ink between o and $\&$ consists of a yoke-shaped stroke reaching from one to the other, through which, nearer the left-hand end, passes an upright stroke like ،
(c) r seq. To the left of these lines is a sign which may be meant for the 'ancora' denoting an addition in the lower margin, with another trace of ink above to its left 5. 5, the lef of a small circle off the line .[, the middle left-hand arc of a small circle off the line perhaps the left-hand apex of $\nu$ I3]. [, traces compatible with the tip of the second uprigt 9 . $\nu$ and the top left-hand arc of $\varepsilon, \% \quad 14$ After $\kappa$ a small loop near the line compatible with a Touching $¢$ a trace compatible with the tail of $a \quad 16$ ]., a trace compatible with the bottom righthand angle of $\nu \quad 18$, [, the start of a stroke ascending from the line to the right ig. [, the middle left-hand arc of a circle $21 .[, \in \operatorname{or} \theta \quad 25 \tau$ written by the original hand on ${ }^{26}$ [, $\gamma$ or the left-hand side of $\pi \quad 29$. [, the edge of an upright dependent from the right-hand end of the cross-stroke of $r$
(d) Col. i 4 ]., the lower right-hand arc of a circle 5 _.., pernaps $\omega$ preceded by the extreme right-hand end of a cross-bar as of $\gamma, \pi, \tau \quad 8$ ]., a hook on the line with a spot above it, e.g. $\eta$ or ro ]. ., the lower part of an upright followed by the lower left-hand part of a circle, $\boldsymbol{\text { ro one possibility }}$ Col. ii 4 .[, the lower part of an upright descending below the line II ]., the top of a circle
(b) $23 c^{\prime}$ presumably $c(\omega \nu)$.
${ }_{26}$ The Ionic forms here and at (c) 1. 17 and what appears to be an Ionic form at $(c) 1.27$ suggest an attempt to locate (b) to the right of $(c)$, so as to bring them both into the same neighbourhood. But though A $A_{\chi \text { E }}$ poucinc, (b) 1. 24-(c) 1.27, are a satisfactory combination, I see no other, and I am reasonably certain that the cross-fibres rule this location out.
(c) 13 seqq. Perhaps a comment on a lemma meaning 'will not live long'. The present kara
 read as $\phi$ a badly made $\psi$.

I5 ${ }^{\circ} \mathrm{V}(\tau \omega)$,
16 What $I$ have read as $\epsilon$ has an anomalous look and may be meant for $\theta$, though still rather anomalous.
 Suidas, Et. Mag. in v. $\mu \epsilon v \sigma \eta \rho \eta$ occurs in iiterature only in one place, a line rather debiously atribated
to Panyassis, fr, i2, I5 a. If Alcman used the word, it would be expected to appear in a lemma in its Jooric form, so that, leaving aside the possibility of error, the ending - $\rho \eta$ here is an argument in favour of supposing that these scraps do not belong to the Alcman commentary found in $\mathrm{fr}_{\mathrm{r}} 2$ (see the introduction). But perhaps one may envisage the occurrence of $\mu e v \theta \eta \rho \hat{\eta} t$, that is, the Doric 3 rd pers, sing. pres. ind. act. of $\mu \epsilon \nu \hat{\theta} \eta \rho a \hat{v}$, though no such verb is otherwise attested.

## 2391．Commentary on Alcman？

Only faint indications are preserved in the following tatters of the nature of the text of which they formed part，but such as they are they point to a grammatical com－ mentary on a poetical text in the Doric dialect（frr．2I（b）6；23，5；23，7 and 8－2I（a） 4 and $(b) 7-4,4 ; 2 I(c) 2$ ？；2I（b）10；23，7）and are，therefore，as likely as not，to be attributed to a commentary on Alcman．His name nowhere appears．At fr．2I（a） 5 it is possible that that of Alcaeus does，but there is no other reason to suspect Aeolic in preference to Doric．－$\eta a$ in $\gamma \lambda u \kappa \eta a$ fr． 2 （ $c) 2$ is indeed Aeolic but it is also（or was thought to be）found in the text of Alcman（ $\lambda$ i $\gamma \eta \mathrm{ma}$ Alcm．fr． I cod．S Syriani）．

The question is of slight importance since nothing is to be made of these remnants in their present condition．

The ugly hand，of which the $\eta, \kappa$ ，and $\mu$ are distinctive letters，may I suppose be dated in the first century．


Fr． 1 Col．i 5 ］，an upright 6］，the middle section of an upright or the right－hand arc of a circle 7 J ．，the tip of an upright

| Fr． 2 | Fr． 3 |
| :---: | :---: |
| －．－ | －．． |
| ］¢є¢［ | ］． $\mathrm{LvKv}^{\text {［ }}$ |
|  | ］ $\mathrm{L} \omega \omega \nu$［ |
| ］ขт刀икаıелт［ | ．．． |
| ．．． | Fr． 8 r ］．，the lower tip of a stroke descend－ ing from left |

Fr． 4

## ］ov［ ］．［ <br> ］ap $\quad$ upov［．］．［

］еХєเขєкєциข $[$ ］фатьфиле⿱［
5 ］ $5 \eta<\iota \eta \phi \downarrow \lambda[$

|  |
| :---: |
| ］．${ }^{\text {\％}} .$. ［ |
| ］$\pi$ arทp［ |
| $] \eta \subset \eta \delta \varepsilon[$ |
| $] \lambda \boldsymbol{\circ}$ |
| ］¢ооц［＇ |
| ］．$\tau$ осєХ $[$ |
| ］ка入є $\kappa \omega$［ |
| ］arc［ |

15

4 4
Fr． 42 ］．［，the lower left－hand arc of a circle cross a cross－stroke level with the tops of the letters which and $r$ a narrow letter would have to be which and $\tau$ a narrowed lost）followed by a section of a tall slanting stroke，suggesting $\kappa \quad 15 . \Gamma$ ，the left
hand arc of a circle

Fr． 5
］ari
］．．$\omega v[$ ］$\overline{\epsilon \mu v}$ ．$\sigma \pi[$ ］траоv．［
5 ］．$\omega \nu \mu[$
Fr． 52 ］．．，petrhaps $\eta \kappa$ or єix acceptable Fr． 52 2．，perriaps $\eta \kappa$ or $\epsilon 1 \times$ acceptable，
hough $\pi \eta$ could not be ruled out 3 Between $v$ and o the right－hand end of a cross－stroke touching the upper left－hand side of $0 ; \theta$ not sug． gested ［，the lower left－hand angle of or $\zeta$ suggested 5 Or $\lambda$ ？

## Fr． 6

$$
\begin{gathered}
\text { ]..[ } \\
\text { ]sть... }[ \\
\text { ]. } \tau \kappa .[
\end{gathered}
$$

Fr． 62 ［，the lower part of an uprigh 3 ］．，the top of a tall upright，e．g．$\eta, \kappa$ ．．th left－hand arc of a circle
Fr． 7

$$
\begin{aligned}
& \text { ]rpa.[ } \\
& \text { ]por. [ } \\
& \text { ]vou. [ } \\
& ] a \rho \theta \subseteq \varphi[
\end{aligned}
$$

Fr． $7{ }_{4}$ Of 4 ［ only the tips of the uprights

| Fr. 9 | Fr. 90 |
| :---: | :---: |
| - ${ }^{\text {] }}$ [ | ]. $\lambda v \lambda \lambda[$ |
| ] .[ | ]עтoç |
| ] $\lambda \underset{\sim}{\underline{0}}[$ | ] $\nu$ [ |
| ] $\gamma \lambda$ 入кє $\varphi[$ | $] \eta[$ |
| $5]$ тарєатт | - . - |
| $\begin{aligned} & ] \tau \epsilon \rho o \nu .[ \\ & ] \epsilon!\pi \epsilon[ \end{aligned}$ | Fr. 10 I ], the lower tip of a stroke descending from left |
| ].. $\in$. |  |

Fr. 9 I, [, the start of a stroke rising to right
anomalous, , the right-hand side being
anomalous, the right-hand side being closed by a thick upright; $\theta$ would more naturally be read tip of a tall upright an ${ }^{4}$., $t_{\theta_{\rho}}^{\left.\text {tip of a tall upright, e.g. } \eta, \ldots \quad{ }^{6} \quad 8\right] \text {.., perhaps } \pi \text {, but } \tau \text { [ } \text { not ruled out }}$

Fr. 12
$\left.{ }^{\bullet}\right] .[$
]apTך . . [
]ророик[
5 ]...Vго.[

$$
\text { ]. .ợ } .[
$$

Fr. 12 I $\gamma$ or
3 . 12 , perhaps the lower left-hand side of $\epsilon$ or c followed by the foot
of $\varepsilon$ or $c$ of $\varepsilon$ or $c \quad 5] \theta \xi \varphi$ could be made of the re-
mains but they are rubbed and this mains but they are rubbed and this may be ing to right, $v$ pospibe end of a stroke descending to right; $\boldsymbol{v}$ possible 6 Before o what
looks like $\theta$ with a straight left-hand side slightly concave upright

Fr. 11 The space between Il. $x$ and 3 is greater than that elsewhere left between consecutive lines but not enough to accommodate a line of ordinary size angle
Fr. I3

Fr. II
]...
] [
]осн[
] $\rho \delta \iota a[$
5 ]vipı $\delta[$ ]фисєьزa[ , lower left-hand


Fr. 132 ].., two dots close together on the line; perhaps ],. $\gamma$,[, an upright connected with $\epsilon$ by the prolongation of the cross-stroke, e.g. $\epsilon t$ or $\epsilon \tau$ 3]., a dot level with the tops of the etters .[, the left-hand arc of a circle

Fr. I4
Fr. 15

]. awcŋ.[
5 ]!тотєа[
Fr. 14 4]., a dot level with the tops of the letters .[s the left-hand parts of $\gamma$ or $\pi$ or possibly another $\eta$

Fr. 15 I The lower part of an upright ]., a dot on the line 4]., the lower part of the right-hand stroke of $\lambda$ or $\mu \quad 5$ ].[, the
 top of a small loop

Fr. 16
].e. $[$
]. $\downarrow \rho \omega .[$
]vaca[
]. $\nu[$

Fr. 16 I ], the foot of an upright with a cross-stroke above, perhaps a cancelled letter .[, the start of a stroke well below the line, ascending to right, possibly a $\quad 2$ ]., traces the arms of $k$ or $x$ A cross-stroke through the the arms of $k$ or $x \quad$ A cross-stroke through the right-hand arc of $\psi$., the lower left-hand arc 4 ]., an upright of a circle

Fr. I9
] $\kappa,[$
$] . c<[$
$] \eta c[$
$\eta \bar{c}$.L.
Fr. 19 r , [, the lower part of an upright 2 ]. the foot of $\epsilon, c$, or the like
Fr. I7

Fr. 17
to left, with ink to right of its top
Fr. I8
]aiol. [
]. act[
$] \lambda a$

Fr. 18 I. $[$, the left-hand arc of a circle
Fr. 20
]eraitr]
1.[.]a.[

Fr. 172 [, a short upright, the foot hooked
$] \quad[$
]upo[
]. $a \cdot[$
Fr. 20 IStripped of a stroke descending to 3 ], the upper end an upright

Fr. 22
(a).

|  | Fr. 22 |
| :---: | :---: |
| ] $\nu \in \mu \mu є .[$ |  |
| ]. $\pi \in \nu \theta \in \rho \cdot[$ | ].[ |
| ]. rocrevt [ | ]. $\delta \in ¢ \pi \pi$ |
| ]оскєөөiठך¢ | ]crov.[ |
| ]..[.]ooàm'[ | ] |

(b)
$] \nu \epsilon l .[$

$] \kappa \delta \eta \epsilon \pi[$

$]$ couка. $[$
]cov. .amal. [
5
]...ка入.[.]. vaŋp[

$] \tau \in \dagger \nu \eta \omega \tau \omega \nu \lambda a[$
]curouctarya[
]асацикласка[
]. $\delta \rho о \mu о и \phi \nu \lambda a$ [ ]evov.[
(c)
]. $9 . .[$
] $\gamma \lambda$ икә $a[$
].[.]cסıaסє.[
Fr. 21 The relative positions of (a)-(c) are fixed vertically by strongly marked fibres of the back None of the cross-fibres of $(a)$ or $(c)$ are to be found, so far as I see, in $(b)$ and I do not think there is any doubt that (a) is rightly placed clear of $(b)$ above and $(c)$ clear of $(b)$ below
(a) I $\cdot[\mathcal{H}$ or $\pi$ probable
2
$\qquad$ $3]$, the
of a small lower end of an upright descending below the line ps joar $[7$ lo upper right-hand a loop, followed by what may be parts of two letters ; perhaps ] pav[ $\tau]$, but with a different combination facie suggested but possibly s, of $[\tau]$ Above and to right of $\kappa$ the left-hand arc of a circle; $\omega$ prima suggested bat possibly s , l.e. $\alpha$, was written
(b) 3 . [ a dot level with the tops of the letters, perhaps $\tau$ 4 Between $\nu$ and a the lower part of an upright separated by a gap from the upper part of an upright . [, the left-hand arc of a circle 5 ]. ., the lower end of a stroke descending from left followed by the foot of $\epsilon$ or $c$ and this by a do on the line with another above to right .[, the upper tip of a stroke descending to right ]., the perhaps the top of o II [, prima facie the angle of $\nu$ Io]., apparently a small apex but
(c) I]., the lower end of a stroke descending from left $\qquad$ 3 ]., the lower part of an uprigh descending well below the line $\quad$., the lower tip of a stroke descending below the line

Fr. 23

| $] \mu n[$ |  |
| :---: | :---: |
| 5 | ]¢. [ |
|  | ].C. $] \mu$ [ |
|  |  |
|  | ] $\omega c ¢$. $\alpha \kappa$ [.] $\lambda o v \theta 00[$ |
|  |  |
|  | ]кє¢ঠ[.]p<кш¢ర[ |
|  |  |
|  | ] $\pi$ aגıv[...]. [ |
| 10 | ].єокк |
|  | ]..[ |

Fr. 232 [, partly stripped; perhaps $\lambda$ or the left-hand side of $\chi$ 3].[, a cross-stroke in the middle position; perhaps $\varepsilon$ 4]., the lower end of a stroke descending from left, $\lambda$ or $\mu$ suggested middle position; perhaps $\epsilon$ 4]., the lower end of a stroke dest-hand side of $\varepsilon$ or $\theta$, a trace of an upright I, the lower part of a stroke descending from left, perhaps $\lambda$ or $\mu \quad 5$ Between $\tau$ and upright 1. , the lower part of a stroke descenc. $\quad 6$ rather than o or the left-hand side of $\pi \quad 7 \mathrm{~lx}$ could not be
 left ir An apex suggesting the left-hand top part of $\boldsymbol{v}$, but no trace of the right-hand upright, followed by the top part of $\delta$ or $\lambda$


| Fr. 25 | Fr. 26 |
| :---: | :---: |
| ]. $\alpha \pi \iota \zeta 0$ [ |  |
| $] \mu \in \eta .[$ | ]werv. [ |
| ].[ | ]atuct |
| , | ]atea[ |
| Fr. $252 .[$ the lower tip | - ${ }^{\text {b }}$ | Fr. $25^{2}$. , the ling below the line

Fr. 26 I. ., an upright

Fr. 24. 2 .[, the lower end of an upright descending well
below the line $40 \mathrm{Of} \tau$ only the left-hand end of the crossstroke

|  | Fr. 27 |
| :---: | :---: |
|  | ]rचc.[ |
|  | ] aııтоит [ $^{\text {a }}$ |
|  | ]оракı¢[ |
|  | ]vectod [ |
| 5 | ]. $\rho$ uhlov. [ |
|  | ] $\pi 0 \lambda \varphi[] ..[$ |
|  | ].0.[ |

Fr. 27 I . [, an upright descending below the line with the foot curving to left; perhaps $\pi$ 5 ]., a dot compatible with the lower end of the right-hand stroke of $a \quad \lambda$, apparently not $\alpha \quad$., an 5., a dot compatible with the lower end of the right-hand stroke of a $\alpha$, apparently not a 7 I., perhaps the upper right-hand side of the loop of $\rho$ or $\beta$, but o preceded by $\gamma$ or $\gamma$ cannot be ruled out . [, an upright with ink to right of its top; perhaps $\gamma$ or $\pi$


Fr. 28 2 ], $\gamma$ or $\tau$ q[, I am not sure that $\chi$ may not be read
4.[, an upright

## Fr. 29 <br> ]. $\omega v[$ <br> ] $\alpha \lambda_{\mu}[$

Fr. 29 I]., most resembles the top of the upright of a $\kappa$ in the next line, but inordinately
2 Or perhaps $\lambda \underset{\sim}{ }$

$$
\begin{aligned}
& \text { Fr. } 30 \\
& \text { ].[ } \\
& \text { ]ça. } \epsilon \text {.[ } \\
& \text { ] } \pi \text {. [ } \\
& \text { ]єто.[ } \\
& 5 \text { ] } \omega \text { vos [ } \\
& \text { ]oue.[ } \\
& \text { ]оvтє.[ } \\
& \text { ]. Tov. [ } \\
& \text { ]ocru[ }
\end{aligned}
$$

Fr. 302 Between $a$ and $\epsilon$ the upper part of $\lambda$ or possibly $\delta \quad .[$, the upper part of a tall upright, probably $\eta$ or $\kappa \quad 3$, , the left-hand
arc of a circle
4 , [, a trace of ink off the arc of a circle 4 . [, a trace of ink off the line 6 . [, an upright, probably not 28 . [,
a dot on the line 8 , the lower end of the a dot on the line 8$]$., the lower end of the tail of $a, \lambda$,
of $\lambda$ or $\mu$

Fr. 32 I The second $\lambda$ rather anomalous and perhaps $\mu$ was intended, though there is a.break between the two halves 3 J., perhaps 7 most probable though ] yo or ]ro could not be ruled out 4], a dot level with th the letters 6] $\quad$ possibly aid or $\lambda \lambda \quad 7$ ],
the top right-hand angle
$] с а \lambda \lambda \omega$
$] \mu \in \theta a \tau o[$
]. соєкоу [

-

Fr. 31
] $\omega$. . $[$
.. $v$
]od. 0 [
][
] [

Fr. 31 I After $\omega$ the start of a stroke rising to right and at an interval a similar stroke begin ning farther below the line and having a trace to ne right of its upper end having a trace to before $v$ appears to have been corrected. It resembles the second apex of $\mu$, and, if $\mu$ is to be ecognized, it must be combined with the preceding trace, a dot level with the tops of the letters 3.[, a dot slightly above the general level of the letters

[^0]Fr． 35
］．［
］גaropoa［
］ $\boldsymbol{\nu \tau \tau \rho о т \epsilon [ ~}$ ］$\omega$ 反octec
5 ］$\epsilon \pi \cdot$ ．［
Fr． 35 I A trace of the lower left－hand arc of a circle
5．［．part of a cross－stroke as of $\tau$

## Fr． 36

－$] \pi a y .[] k a.[$
］E！
］тоєtга日aya！．．$\epsilon \iota[$
］cтодє $\omega с а \lambda \lambda \epsilon \pi \iota \tau \omega$ ．
5 ］толє．сєрє．до七с［

］$\omega \boldsymbol{\omega}$ ．$] \kappa \pi[$
］traces［ ］
］，$[$

Fr． 36 The surface is in many places loose and in some stripped，in some covered by adhering fragments．There is likely to be a good deal of illusion in the decipherment of the dotted letters The traces at the beginning of $11.8-9$ are on the underlayer

2392．Dionysius，Commentary on Alcman，Mé $\lambda \eta$ Bk．iv（Colophon）
No commentator on Alcman of the name of Dionysius is known except that the so－called Etymologicum Magnum speaks，in vimomтépwy óveípwv，which refers to the Louvre parthenion col．ii 15，of $\Delta$ eovúcıoc $\delta$ ci（ ）or Cíiroc（Cioúvoc is conjectured）， in connexion with the ending－i\＆wc．In a Latin explanationes in artem Donati（Keil， Gr．Lat．iv 529）we are informed that Dionysius Thrax was＇lyricorum poetarum longe studiosissimus＇．I cannot say what weight or relevance this statement has．

I have recognized no other fragments of this commentary either by the external evidence of the hand，which is of similar type to 1231 and may be dated in the second century，or by the internal evidence of the matter，but it is possible that the text would have a somewhat different appearance from the colophon and not all the fragments have yet been examined with sufficient closeness to make it possible to say that more of it will not be found．

$$
\begin{aligned}
& ] \text { [ } \\
& \text { ] } \overline{\delta L} \circ \mathrm{O}, \mathrm{clov} \quad \epsilon \pi \% \text {. } \\
& \text { ] } \overline{\operatorname{a\lambda }} \text { ] } \mu \text { ауос }[][ \\
& { }_{\mathrm{T}}^{]} \bar{\mu} \bar{\lambda}[.] \bar{\nu} / \overline{\delta^{\prime}}[ \\
& \text { ] } \quad \pi /[
\end{aligned}
$$

${ }_{1}$ Of the last letter，which is rather close to 0 ，only a dot of ink level with the tops of the letters remains
 scribed．But apart from the fact that they are not known to have commented on Alcman we should． 1 think，expect the qualification to be preceded by the article and to denote the origin of the person
 excluded by the symmetry，which requires that no more than three or four letters should be missing． with six． 4 A monogram formed of the first two let

## 2398. Alcman Lexicon

A list of Doric words and phrases of a poetic character with their interpretations would as a first hypothesis naturally be referred to a work on Alcman and this hypothesis would be strongly supported by the recurrence of the last surviving entry of fr . 1 in a commentary on his poems found in 2389 . The arrangement is not alphabetical; perhaps the entries are taken in the order of their occurrence, as in the Homeric scholia minora, which this also appears to resemble in the curtness of its explanations.

The hand is a small round uncial of the same type as 841 (2nd hand), 1231, and may be assigned to the second century.

$$
\begin{aligned}
& \text { Fr. I } \\
& \text { ]. } \phi[ \\
& \text { ] } \underline{\underline{2}} \text {.[ } \\
& \text { ] } \pi \pi \text { [.]. } . \pi!\text {.[ } \\
& \text { ]coodıv[ } \\
& 5 \text { ] . } \mu[ \\
& \text { ]axх } \mu a[.] a . . \text {... } \\
& \text { ] коуаӨро[.]c } \mu \text { [ } \\
& \text { ]соб } \mu a \tau о . \tau \text {. . [ } \\
& \text { ] оскоирчүо[ } \\
& 10 \text { ]. }
\end{aligned}
$$

Fr. 1 I ].., possibly the lower parts of $c u$, but $c$ would be slightly out of alinement and there appears to be a raint trace before it. Perhaps this represents a third letter or should be combined with $c$ to form $\eta$ or $\pi \quad 2$. ., the left-hand side of $\lambda$ or $\chi$ suggested, but $\mu$ may not be ruled out the right-hand parts of $\eta$ or $\pi$ suggested but the surface is rubbed and ]. $¢$ (presumably $] \xi \digamma$ ) may be represented 5 Before $\mu$ traces suggesting the end of the cross-stroke and the foot of $\tau$, but they are very slight 6 After Ja the left-hand arc of a circle followed by a dot on the line lower left-hand arc of a circle, the lower part of an upright descending well below the line, the base of a circle or loop followed by the lower left-hand are of a circle; four letters may be represented 8 Between o and $\tau$ a dot level with the tops of the letters; after $\tau$ a dot near the line followed by the lower part of an upright

Fr. 12 I cannot explain the two lines under $\eta$, of which the lower looks like a paragraphus.
 quoted (fr. 59).
6 seq. I suppose that $\begin{gathered}a \\ \theta \\ \rho\end{gathered}$ orc $\mu$ interprets the word after aix $\mu a[\tau] a \ldots$. and consequently that -кóv

xi I7 seqq. is the kind of phrase I look for and I cannot assert that $\alpha \times \mu \mu[r] a c c r \rho a r[o c$ ( or $-\alpha \nu \ldots-o v$ ) is not represented here, but I do not think it is the reading that would first occur to one.

8 seq. cooддaтov тer is acceptable and, if it is right to recognize cióддатоу тéyoc, we can refer it to its context, which is partly preserved in 2389 fr . 3. A temple of the Dioscuri is in question.

## Fr. 2

]. $a v[$
] $\omega c \mu \eta \beta$ [
] $\delta \circ \mu \epsilon \epsilon \nu[$
] $]$ บичсе [
5 ] аноко [
]тоเทธงน[.
]. $\boldsymbol{\eta}^{v}$.[
]. $\mu \eta \mathrm{c} \boldsymbol{\sim}[$
] $\epsilon \subset \subset$ [
10
].va.[
]

Fr. 2 I ], $\nu$ would suit, but two letters may be represented 4 The surface is damaged and Fr. 2 I I., $\nu$ would suit, but two leters the prima facie probable interpretation of the ink $\tau$ or $] \psi$, there is another letter between this and $\eta \quad \nu$ is written large, as if final, but there is a do of ink, like a high stop, after it io F , the lower part of a stroke descending below the line through the tail of $a$, its foot hooked to xight

## 2394. Choral Lyric in the Doric Dialect (?Aicman)

Too little remains of the text represented in the following fragments to make identification of their author, even if it could be achieved, of much practical value. Since it clearly comprised strophic compositions (fr. I (a) i 5 marg.) in the Doric
 genitive singular, -acc in accusative plural, etc.), the ascription to Alcman will naturally present itself to the mind. I see nothing inconsistent with the possibility.

The hand is a firm well-spaced uncial, upright or sloping slightly backwards, I suppose of the late second or third century. Most or all of the lection-signs may be original. At least two, and possibly as many as four, different hands, about contemporary with the text, may be distinguished in the marginalia.
(b) i i ], on the line apparently the end of a stroke descending from left $\left.{ }_{2}\right]_{1, \text {, I cannot }}$ combine the traces satisfactorily. First appears to come either $\eta$ or an upright followed by $\epsilon$, after this a short stroke rising from the line with a slight slope to right followed by a dot like a stop, together just possibly representing a 1 seq. marg. The reading of the dotted letters in the first line and the estimation of the number of letters in the second line of the marginal addition are to be treated with great reserve $\quad 4$ Of $\phi$ only the upper part of the upright and upper side of the righthand loop Before $\nu$ the top of an upright taller than most is $\phi[a] u-$ not prima facie acceptable There is no trace of text after l. 4, though the ends of a marginal addition to the left of the last two lines of $(b)$ ii would be presumed to imply the existence of text to their own left
 written ro ].[, part of a cross-stroke level with the tops of the letters $12 .[, \pi$ or
14 The top of an upright followed at an interval by two traces level with the top of the letters
 II), not Doric.
$N_{l}($ ) adduced on Sophocles 1174 iv 23, on Sappho PSI 123, 3, on Alcaeus 2168 (c) 2 i i4, and elsewhere.

3 There appears to be some relation between the ]cce[...]. poc of the text and the cccavo( ) of the marginal note, but I do not see what it is. c may represent $\theta$, but I recognize no recorded common or proper noun.

4 àpveai $\tau^{\prime}$ looks like a v.l. of $\pi \lambda$ do]uciat, though the additional $\tau(\epsilon)$ is strange. It appears to be then interpreted, as commonly in lexica and the like, as $\pi \lambda$ ovela $[L$, though again the retention of the Doric accent of the text is strange.

For ádveol feminine of eq Bacchyl, 5,53
5 I presume that the note means that the strophic responsion prescribed a particular form in the text.

## Fr. 1 (b) ii 5 тanta[ $\nu$-.

6 ą $\psi^{s}$ àє $\chi \omega[\rho-$.

Io Perhaps the original кa入ve was an error for кaגove and кalac was substituted for this but in other places the change is in the opposite direction, fr .2 (c) $5, \mathrm{fr} .6,2$.

II Probably civãत [oece or the like, though ctyà is in no way ruled out.
13 चtica[ $\nu$ with Doric accentuation.
the top of a tall upright, $\phi$ suitable The middle dot after $s v$, like the similar middle dot in fr, r ( $b$ ) ii 4 , is not accounted for . G a trace on the line suggesting the base of a circle; in the interinear space above it a trace compatible either with a letter or a sign 6]., a dot level with the top of the letters compatible with the tip of the right-hand branch of $u \quad 80 \mathrm{ff} \kappa$ only the top and bottom of the upright II $\phi[$, represented only by an angular trace off the line

Fr. 2 (b) I ], the right-hand end of a cross-stroke touching the top of the loop of $\alpha$ I It is not certain that the top of any letter in this line would be visible

Fr. 2 (c) 5 ]., a dot on the line, probably the end of a stroke descending from left 6 .[, the start of a stroke ascending to right, in the interlinear space above it two dots one above the other elsewhere but more similar to the writing of the text. The right-hand branch of the presumed $v$ might by itself be taken for an acute, but it would be rather high and the other traces would then be difficult to explain

Fr. 2 (a)-(c)
If (c) 4-6 are the continuations of (a) 2-4, the conditions would apparently be satisfied by: ко䒑[aca]va $\delta \eta \mu а т а$

 has a long $\iota$ and also presumably a digamma. The short written over the $\iota$ may be erroneous, since three consecutive shorts may be suspect, but I cannot estimate the probability of the neglect of digamma.

5 In the context I should incline to guess e $\lambda \lambda]$ ] $\phi$ aprav [. [.
 at all certain that this is an acceptable location of fr. 3 and $I$ do not know why $\theta$ should not have been represented by $c$.
 matical writing (Arcadius).

II Possibly $\boldsymbol{\kappa} \in \phi[a \lambda a$, which is in a way suggested by móoac.
I3 тa] 1
Fr. 3 I have believed that I could trace the fibres of the front of this fragment in fr. 2 (a) about 11. 6-7. On the other hand the fibres of the back strongly suggest a location of fr. 3 above the righthand side of fr. 2 (a)

I It is not certain that this is the beginning of a line, though there is sufficient room before $\epsilon$ to show at least part of any preceding letter written at the normal interval 2 ]., apparently the right-hand end of a cross-stroke touching the top of the loop of $a$

Fr. 4 The appearance is similar to that of the lower left-hand side of $\mathrm{fr} .2(c)$ and I believe I trace the front fibres of fr. 4 in fr. 2 (c) about l. 6 but this brings the writing to different levels

Fr. 5 Perhaps from the neighbourhood of fr. 2 (c)
I ], the right-hand end of a cross-stroke touching $a$ at the top of the loop .[, an upright with $\left.\begin{array}{lll}\text { a stroke descending to right from its top, } \mu \text { or } \nu & 2\end{array}\right]$., perhaps parts of the right-hand arc of $\circ$ or $\omega$

Fr. 6

| Fr. 9 | Fr. 10 | Fr. II |
| :---: | :---: | :---: |
|  |  | j$\pi 0 \lambda \nu$ [ |
| ] $¢ \in \gamma \omega[$ | $] \gamma \gamma \omega[$ | . . | no better



Fr. 122 ]., the top of a loop, perthaps $\beta$ or $\beta$.L, the tips of two uprights; perhaps t. [ should be written

Fr. 7 vacant
;
-

## Fr. $10 \rightsquigarrow$ anomalous, but $\varepsilon$ <br> $\omega$ anomalous. but $\epsilon$

Fr. 14 probably from the same region as fr. I (b) letters may be represented

## 2395. Lyric Verses

It is not easy to come to a settled opinion about the nature and affinities of the following text. The setting implied in 11. 10-13 is Peloponnesian and there are some Doric features in the dialect, the endings $-\nu \bar{a} v, 1.9$, $-\tau \bar{c} c, 1.10$, the accentuation maíoa, 1. II. The last appears to be specifically Laconian, but it is isolated, and the accentuation áyec $\theta a r, 1$. 12, which is inconsistent with the same system, throws some doubt on it. In any case, the failure of $\theta u \mu o v, 1.7, \epsilon_{\theta \in \lambda} \omega \nu, 1.12$, to show the substitution of $c$ for $\theta$ by itself forbids one to think of Alcman as author. In fact, the Doric tincture is very slight. Attention is drawn in the notes to other places where it would have been apt to appear. I can make no guess who might treat this subject in this style, but I have not the impression that it is an early writer.

From the paragraphus between 11.13 and 14 it is to be inferred that the composiion was strophic, but I see no correspondences in what is preserved. Nor can I make metrical sense of what is left of the separate verses.

In the only place where I can follow the story a father is telling of how a Centaur asks for the hand of his daughter (at some feast?) and is refused.

The script is a conventional upright uncial of the 'biblical' type much like 1179, which is assigned to the early part of the third century. Some of the lection signs look as if they might be due to the writer of the text, others and the corrections appear to. be secondary. Although it cannot be asserted on the strength of what survives that the manuscript was laid out on the same scale as P. Ryl. 16 , the comparison is worth making.

There is some likelihood that we have the beginning of the roll. There is an inch or more of blank papyrus to the left of the writing and in it a joint, which suggests the reinforcement found in that place in other rolls of which the beginnings have survived.

Fr. 2
]ucto[
Blank, space of two lines

Fr. I

5

10

$$
\text { ].[ ]. } \delta^{\prime}[\lfloor\omega]] .[
$$

.]vócc $\bar{\lambda}[$. . .] $\nu$. [
.] $\epsilon เ \pi \epsilon \delta є \tau 0 v$. . . [
.]хо $\mu a[.] \theta v \mu \circ \nu \zeta$. . [
.]етонатоит[
]ераррарєть.[
]орькоттаскеитаир

є̣ $\theta \in \lambda \omega \nu a ́ \gamma \epsilon \subset \theta_{a \iota}$
$\pi р о с \mu a ̆ \lambda \in ́ a ̣ \nu \cdot є \mu \circ \leftarrow \delta^{[ }[$
$\bar{a} \epsilon \kappa о \nu \tau \kappa[$.$] . «кротє$

ал入асєү[....]. а́vт’. [
$\omega c o \phi \in \lambda$ [.]. $\alpha \mu \nu \mu[$

Fr. 12 ]..., a dot on the line, a rather than 0 , followed by the lower end of an upright descending below the line, presumably $v$, followed by the top and bottom of a letter apparently consistent with $\beta$ .[, the middle of the left-hand arc of a circle 4].[, traces compatible with the bottom of $v$, but perhaps two letters After $[\omega]$ the foot of an upright 5 For \& possibly $o$. $[$, apparently
traces of the upper left-hand arcof a circle 6 After $v$ the foot of an upright, traces of the upper left-hand arc of a circle 6 After $v$ the foot of an upright, $\tau$ suitable, but by no means exclusively; this is followed by a sign I cannot interpret, perhaps the left-hand side of $\gamma$ or $\pi$, to the right of which are two traces, one near, the other on, the line $9 .[$, the start of a stroke rising to right; $\lambda$ rather than $\delta$ suggested, but $\delta$ not ruled out I4 Above $\delta$ a sinuous most probable, $\eta$ not ruled out i, an upright with traces of ink to left below its tip; $\mu$ apparently suggesting the upper arm of $\kappa$, hardly $\nu$ More than the normal space between $\tau$ and $\lambda$ a stroke $\omega$; the bottom angle of the superscribed $a$ is touched by the curved tail of a stroke coming from left For $\chi$ possibly $\tau \quad 16$ Of $\%$ only the tops; for $\gamma$ possibly $\pi \quad]$, the upper end of a thin stroke slightly above the tops of the letters, perhaps the upper arm of $\kappa$ or less probably $v$. [, the left-hand arc of a circle 17 ]., the top of an upright; if $\iota$, two letters lost in the preceding gap

Fr. 2 Perhaps bottom of column
Above va trace of ink; not prima facie part of an accent, though grave or circumflex could not be
Fr. 1 I $\begin{aligned} & \text { vect } \\ & \text { seems likely. }\end{aligned}$
2 Apparently jaî píau.

 only ; Od, xviii 256, xix 129.)
 nalogies in MSS. of Alcman.
asted by the well-known saying and it Symp. $\mathbf{I} 74 \mathrm{~b}$ c. schol., Zenob. Ath. i I5), I cannot account satisfactorily for the ending of $\mathbf{3}$, Plat It is very unlikely to be adverbial and the context does not suggest that it agrees with the subject of an infinitive.

For épawà̀ . . . Saita compare onair' '̀pareupiv, Hom. Od. viii 61, xx in7.

opi- is a very uncommon element of composition, ópt- and dofec(c)t- being the normal. opiryóroc Tim. Pers. 88. (The spelling opt- is found in Pind. pae, vii a 6 and elsewhere, but not metrically guaranteed.)
II aỉr $\varepsilon \hat{i} \delta \epsilon \in \mu \varepsilon$ is no doubt meant, 'he asks me for my daughter in marriage'. But in a Doric ext the elaborate accentuation would not have precluded ambiguity: ai $\tau \varepsilon \bar{\delta} \delta \epsilon \mu \varepsilon$.
$\pi r a\left(\delta^{\prime}{ }^{\prime}{ }^{2} r a\left[\lambda \alpha^{\prime} \nu\right.\right.$ might have been suggested but that elsewhere elision appears to be indicated, as sually in lyric texts.
 The accentuation deducible from MSS. of Alcman would be a $\boldsymbol{\xi}^{\prime}$ 'tau. Since there is no point in accenting the word, which is quite unambiguous, unless the accent was not where expected, it is
 ference is too precarious to base further argument on.
 or moxi $\delta \epsilon \epsilon \bar{\epsilon} . \gamma$.) But mpóc also is found in Alcman (fr. 52).
Chiron and other Centaurs are recorded to have been driven from Thessaly or elsewhere to alea, the southernmost point of the Peloponnese (Apollod. bibl. ii 84-86; Diod. iv 70).
$\epsilon \mu 0 l$ : the Doric form $\epsilon \mu i v$ is attested, but neither occurs in Alcman
14 Thave looked for: 'when I decline' he gives signs of his displeasure. But I can make no compound of кротеîv out of the ink (nor am I sure that émeкротéwv dंóvzac or the like would contain the required meaning), which suggests to me $\mu \kappa \kappa \rho o \pi \epsilon[\rho-$ more than anything else. If so, it is to be said that дıккóc is attested as the Doric form.

15 There is something odd about the first half of this line. The writing is slightly smaller than he norm and there is less space above and below. There is also more than the normal space between and $\lambda$. This, with the two corrections in the second half, may betoken the copyist's difficulties with his exemplar.

## 2396. Label Of Tryphon, Spartan dialect

This label, like that mentioned in 1091, is a strip of parchment inscribed on its front right-hand side with the title of a book and attached by its under left-hand side to the back ('verso') of the top left-hand corner of the roll to which it applies.

The front ('recto') of the rectangular structure of papyrus strips, which is rolled from right to left to form a roll, consists, as is well known, of sets of strips laid edge to edge parallel to the length of the roll. Since these strips are shorter tharr the roll, there occurs in every roll a number of places where contiguous sets overlap. I have
nowhere seen it pointed out that the overlap is always so arranged that the ends of the strips on the left cover the beginnings of the strips on the right. Obviously this arrangement was adopted for the convenience of the scribe, to obviate the catching of his reed in the edge which would be presented to it by the contrary arrangement. But it seems to me probable that the rolling of the roll this way up instead of the opposite way was a part not of the scribe's but of the manufacturer's technique, and if so, it follows that the rule that the writing on the front ('recto') of the roll is earlier than the writing (if there is any) on the back ('verso') is absolute. No one in his senses would take the trouble to unroll a roll and re-roll it inside out for the mere pleasure of writing on the wrong side first. The label would be a further deterrent. On the other hand, detached pieces of papyrus are frequently found with writing on the back and blank on the front, and $I$ do not believe anything can be deduced about the relative dates of writing on the back and front of pieces of papyrus of which we can be certain that they did not form part of a roll when they were used.

The writing is of the same type as 211 and I presume may be put in the second century. I have not identified the manuscript to which the title refers among the fragments I have examined but I cannot say that it is not there.

$$
\begin{aligned}
& \text { т } \boldsymbol{v ф ф \omega \nu о с ~ [ ~} \\
& \text { точа } \mu \boldsymbol{\omega \nu} \iota^{\circ}[ \\
& \pi \epsilon \rho\left\llcorner\lesssim \alpha \lambda_{\epsilon \kappa \tau}{ }^{\circ \nu[ }\right. \\
& \lambda \alpha \kappa \omega \nu \quad \omega \nu \text { [ } \\
& 5 \text { т } \omega \dot{\nu} \epsilon \kappa \bar{\beta} \bar{\beta} \text { [ }
\end{aligned}
$$

4 Between $\nu$ and $\varphi$ a defective place in the parchment $\quad 5$ Above $\nu$ there is something which might be read as an a squeezed in between the lines.
'Tryphon, son of Ammonius, on the Spartan dialect, in two (?) books. Bk. I (?).' If the ink above




 that they cannot be taken at their face value. A book about the dialect used by an author, say Alcman,

 Spartan was illustrated from Alcman, the speeches of Syracuse, Himera, and Rhegium were illustrated from Epicharmus (and the other comedians), Stesichorus, and Ibycus, or, though I should say

though they may be correct descriptions of something that Tryphon wrote, are not the names of any work of his.

## 2897. Commentary on Iliad xvii

It seems possible to discern that the commentary from which the following fragments have survived had resemblances to the scholia extant in the vellum codices but my chief reason for including it is the convenience of displaying the writing in company with 2389.

$$
\begin{aligned}
& \text { Fr. I } \\
& \text { ]โ̣auro. [ } \\
& \text { ]тортьขธєขт[ } \\
& \text { ] } \boldsymbol{\mu} \boldsymbol{\sim}
\end{aligned}
$$

Fr. 1 I .[, the lower part of an upright $\quad 3$.[, an upright, 4 probable
Fr. 1 Perhaps part of a note on xvii 4 (тópraкц). Schol. A, for instance, has rò סè aùrò nógrtc xai



Fr. 2


Fr. 2 The appearance of the papyrus suggests that it may come from the same neighbourhood as fr . I

Col. is The upper right-hand arm of $\kappa$ or $\chi$ followed by the top of a circular letter
Fr. 2 Col. i 3 If the Odyssey was mentioned, it was wrongly spelt or divided, but $\dot{\delta} \delta \nu$ - is not probable.

5 The Ptolemy most commonly cited in Iliad scholia is the Ascalonite.
6 [ṕ]áß ${ }^{6}$
Col. ii 4 Presumably from a note on xvii 36 (xípoucac) but I do not recognize anything here corresponding to the extant scholia.

Fr. 3 (a)


## 15 ]eג 15 ¢̣overt.[

].с. $\nu \omega<\pi \epsilon \rho$ [
].[.]ayou
] $\gamma \gamma \in \lambda \lambda$ 운 7
]. $\dot{\text { ] }}$.
]. $\phi \rho \sigma .[$
$][1 . \epsilon \chi \epsilon!.[$
].!..[..].[
тєєкє入єข[.].[

Fr. 3 The interval between (a) and (b) cannot be determined
Col. i 5] or or $] \quad 6$ After $y$ the foot of an upright with a hook to the left and the lower left-hand arc of a circle Before $\iota$ a long tailed letter preceded at some distance by the foot of an upright, perhaps $] \times \rho \quad 8$ Between $\iota$ and $\alpha$ perhaps $\chi \epsilon$ or $\lambda u$ (either anomalous) lollowed
the line and another slightly to the right of it level with the tops of the letters
I6 ]aca not satisfactory. The letter before is represented by what looks most like the right-hand part of $\mu$, that before $\nu$ seems to be o converted to $\alpha$ by the addition of a tail


 and tho which preced (1. 110)
o seq. '< >dius in his (book) on the men's quarters'?

Fr. 4

- ]. [
]rov. [
]. $0 \mathrm{oo}[$
5


## ]тохєpar[

]..... [



Fr. 5
]. $\nu .[$
]. . $\alpha v[$
]. rocir
]a. rovx[
5 ]eкขrar 5
]..[.]. or [.] $] \theta[$
$] \pi t \theta \in \nu c[$
Fr. $5_{2}$ ].., $\in$ or $c$ followed by $y$ or $\tau \quad 4$ Perhaps ayr, but $a ., \tau$, or the like, possible
Fr. 55 The lemma, if it is the lemma and not an illustrative quotation, is xvii $520 \mathcal{U}^{\circ}<\delta^{\prime}$ örav

2397. COMMENTARY ON ILIAD XVII



## Fr. 8

- $]$ ]фа. [
]оо[...].ка.[
]. $\nu \in \xi \eta \gamma \gamma \in \iota \lambda \in \nu a x \cdot \lambda \lambda \epsilon$.
]. $\pi \epsilon$ Иосєрєเтᄂcє . . . [
5
]o. [

Fr. 8 I.L, the bottom left-hand curve of $\varepsilon, \theta, o, c$
3]., the right-hand arc of a circle, off e line ; o not particularly suggested [, the left-hand side of a circular letter_4 [, the upper part of an upright above the level of the letters Perhaps $\alpha_{p x}[$, but the surface is damaged

Fr. 8 Perhaps part of the commentary corresponding to what is found in the extant scholia on xvii 700. The appearance of the papyrus is consonant with this possibility

| Fr. 9 | Fr. 12 |
| :---: | :---: |
| ]куоиеण[ | ]. $\alpha \mathrm{va} \mathrm{\pi a}$ [ |
| $] \epsilon \nu \times$. | ]0. . $\nu \in ¢$ [ |
| ]. [ | ]vad octo[ |
| - . - | ]גovтou.[ |
| Fr. 10 | 5 ]..... [ |
|  | Fr. $122 \%$ possible $\quad 3$ For $\lambda$. perhaps a single $\mu$ |
| ]. $\omega \iota$ apıctov[ | Fr. 13 |
| ]роข $\mu$ тоо [ | ${ }^{\text {Fr. }} 13$ |
| ]. $\in \pi\llcorner\lambda \operatorname{lov}[$ | ]. $\phi$ [ $[$ |
| Fr. $10 \times 1 ., \gamma$ or $\tau \quad{ }_{3}$ ]., perhaps $v$ | ] $] \ldots \mathrm{L} \mathrm{L}$ [ |
| rather than : | $] \eta \nu .[$ |
| Fr. 11 | 5 ]... $\tau$ [ |
|  | ]moçace[ |
| ] $\operatorname{cosec}^{\text {c }}$ | ] $\omega$ camode. [ |
| ]yroum.[ | ]. $\alpha \lambda \varepsilon_{\text {. [ }}$ |
| ] $<\omega \omega ¢$ | ]. [ |
| ]. . | Fr. 13 I , the left-hand side of a circular |
| - - | letter $8 .[8, \lambda$, or the like $9 .[, \beta, p, 0$, |
| Fr. 112 , [, an upright | or the like |

Fr. 6 may come from the left-hand side of fr.
After $y$ the lower left-hand curve of a circle, next traces suggesting $\varepsilon$ followed by the lower part of an upright and the lower part of a stroke ascending to the right, e.g. pX of an upright and the lower part of a stroke ascending to
upright, $p$ rather than t . the lower part of an upright

Fr. 7 (a) Col. ii i The lower part of an upright followed by the left-hand arc of a small circle, e.g. To $2 a$ looks more like $\lambda$; $\epsilon$ ¢qu might be written, if the top of $\varepsilon$ be supposed completely lost 3 The top of lost, 5 posible
(b) The fibres appear to fix the position below the left-hand side of (a) ii but the interval between (a) ana (b) cannot be determined $14]$., the
 I7 ]., the foot of an upright

 xarécruyce in Scholl. A, D, G, and Eustathius. I find nothing extant corresponding to (b), unless it is
 But I may be mistaken about the connexion of frr. 6 and 7 (b) with fr. 7 (a) and fr. 6 may relate to


# ..[ סovסє! $\tau$. . $\pi \epsilon \epsilon \omega \alpha \tau \alpha \rho[$ акочсас ка[ неvocectry.. $\pi[.] . .[.] . .[.] . .[$ a.... T.K.... 

то $\epsilon c \tau \rho \epsilon \phi \epsilon \mu[$ $\rho \circ \nu[.] \kappa \pi \rho \lambda \epsilon \mu[$ ] $\boldsymbol{T} \in u x[$
(b) ${ }^{\text {j }} \omega$. . ]. опл $\alpha \tau$.
15 ]осทр $\mu о с є \tau \omega[$
]. $\operatorname{tax}!\lambda[$
]. $\theta \epsilon c \theta a![$
].!.[.]. [
].[


Fr. 15 The connexion of Teucer with Cyprus is not mentioned by Homer. L. 8 contains a quotation of lliad xviii $512=$ xxii I2I but the next line seems to be Eur. Ion 294 (quoted by Strabo

2398. Calirmachus, Hecale

The recovery of the beginnings of the verses of which so large a part was preserved in 2217 resolves the problems presented by 22178 -II on lines very different from those on which they were attacked. This is not an encouragement to embark on the conjectural supplementation of $22174^{-6}$ of which, even with the new additions, still less is known.

The identification of fr. 260,46 , already suspected, is now pretty certainly verified. An anchorage is found for fr. 346. From such exiguous material this is no bad harvest.

The text is written (on two scraps which I cannot join) on the back of a document, in which figures and a mention of baked brick can be recognized, in a decent but by no means handsome hand with an occasional cursive form, comparable with 211, 220, which may be assigned to the first half of the second century. There are no lection signs.

| .]. $c \tau \in \rho \nu \mu[$ |  |
| :---: | :---: |
| .]रovuє $[$ | .] ${ }^{\text {o }}$ \% $\mu \in \chi$ [ |
| .] $\lambda_{\text {¢кк }} \lambda^{\text {[ }}$ |  |
| ]. $\delta_{\text {d }} \alpha \kappa[$ |  |
| ] $\mu \mu \nu[$ |  |
| . ]. $\mu \eta \mathrm{c}$ [ |  |
| ..] $\theta \omega \omega[$ |  |
| .].[ |  |
| ]. $c \theta \rho[$ |  |
| ]. $\alpha \iota \mu . .[$ |  |
| ] слфарєцо..[].[ |  |
| ]очкךঠ. . . $\mu$ оv[ |  |
| ]. $\lambda \iota o\llcorner\delta v[.] . \epsilon \omega[$ |  |
|  |  |
| ]vтє...[.]...[ |  |
| ] $]$ ada[ ]o[ |  |
| ] $\nu \in[$ | $\kappa v a ́] \nu \in[o v \kappa \tau \lambda$. |
| B 5848 | H |

Parts of the text are preserved also in 2217 (indicated by half-brackets) and P. Rain. vi (Callim fr. 260 Pf.)

I Callim. fr. $346 \quad 4$ Though I see traces of only four letters before $a$, it seems likely that ther cannot have been fewer than five. The first is represented only by a short stroke, rising left to right, it, compatible with $\tau$ and letters, the next by parts of a cross-stroke and an upright descending com parable, specimen) ; if $\tau$ or $\gamma$, there is room for a narrow letter between it and $\delta$. For $\delta I$ cannot rul out $\lambda_{\text {; }}$ between this and $a$ there is an indeterminate trace at about mid-letter ${ }_{5} \mathrm{Fr} .260,4$ 6 Of $] \lambda$ only the tail, a not ruled out 8 ? ${ }^{\text {expect appears to be no likelier than } \eta \text {; of either one would }}$ expect to see something of the right-hand upright 9 of $\varphi$ only the lower right-hand arc; its top and lower part of an upright [a trace on the line followed at some distance by an upright no doubt fr. 35 , though I cannot verify it [ $\pi$ ] $\omega$ Lloyd-Jones iI After o scattered traces which I cannot relate to the known letters $12 \eta$ is unusualiy narrow, there is more than the usual space between it and $\rho$, the space between $\rho$ and $\mu$ seems too little for $u$ and the scanty traces do not suggest it, but I see no alternative combination I3 7 is not particularly suggested, but the very
sight trace does not particularly surgest any letter of the hand $\epsilon$ is represented only by what may slight trace does not particularly suggest any letter of the hand $\epsilon$ is represented only by what may
be parts of the upper and lower left-hand side of $\mu$ only the right-hand curve of the left-hand half be parts of the upper and lower left-hand side Of $\mu$ only the right-hand curve of the left-hand half
15 The tracees after $\tau$ arare reconcilable with the known letters but I do not think would naturaly be
taken to taken to represent them
 Hecale, adM' exidत Ecece or the like.

8 I doubt кeild for which there does not appear to be room.
ro seqq. vai $\mu$ should introduce a positive asseveration, but in strict grammar there is none available, the effect of $\alpha \lambda(a), 1.14$, being to bring its clause into the parenthesis beginning with o yip, 1 . Io. Since there is no doubt that the sense to be recognized is 'of a surety ... the hour will come', it must be presumed that ${ }^{\text {and }}$ is is illogically inserted by way of emphasizing the opposition between
what is denied and what is affimed The contents of the parenthesis
The contents of the parenthesis were seen by Mr. H. Lloyd.Jones to be an equivalent way of and axle do all the suns have their end'. 'For not yet for ever . . . not already having smashed pole much the same notion may be seen at Theoc. xvi 7 z sec
ท̀etoo . .. तávrec: the meaning is precisely rendered by the phrase in an utterance of Philip of Macedon reported by Livy xxxix 26 , (nondum) omnium dierum solem (occidisse). (The same utter ance as reported by Diodorus xxix 16 seems to me to say something different, they had not yet seen all the sun go down', quite got to the end of the day. Both passages are adduced by Gow on Theoc. Io2, where I think naut' 'idoo is ambiguous. If it means 'all the sun', the Diodorus passage would be comparable; if it means 'every sun', it would differ from what Callimachus is saying as 'my last
day' differs from 'the Last Dey', day' differs from the Last Day
 of the opposite notion, eicew .. mód' Exew, 'be involved in', appear not to be found elsewhere-the nearest is Eur. Heraclid. 168 -and $\delta v c \mu \dot{\omega} \omega \nu$ has not the same connotation of predicament as the nouns employed with ${ }^{\xi} \xi \mathrm{w}$ and the like.
2399. Anonymous (Duris?), History of Sicily under Agathocles Height 16.5 cm .

First century b.c.
Plate
Of this text parts of four columns, including the top margin of one, survive in or can be satisfactorily combined with one single continuous fragment, and there are six unplaced scraps. How many lines, if any, are missing at the foot of the surviving columns is not known. Probably they are not many, for the longest column runs to 27 lines and a height of 16.5 cm . Lines vary in length between I2 and 18 letters, $14-15$ being the number most frequently found. The hand is clear and square but somewhat ill controlled. The thickly cut pen, and the prominent rectangular or oblique finishing strokes at the feet of letters as well as the mainly horizontal finials or link-strokes at their head give it a mannered and ugly look. $\mu$ is made in four strokes, with a deep centre, $\nu$ has its second and third members raised above the line, $o$ and $\sigma$ are placed relatively high in the line. Comparison with the hand of P. Ryl. iv 586 of 99 B.C. and the literary hand of P. Graec. Berolin. ir a allows the text to be assigned confidently to the first century в.c. The scribe's lack of skill is shown by his crowding, in small letters, at the end of a line syllables that would have been better placed in the following line. He uses iota adscript throughout, and his only punctuation is the paragraphus which serves to divide cola inside sentences as well as to close periods. There is a single diple in the margin between cols. i and ii.

In the first column an attack by Carthaginians on Albus Tunes which harassed Agathocles is described. The rest of the piece, including the fragments, is devoted to a vivid account of an incident in Syracuse. It relates how one Diognetus, a creature of Hamilcar and the Syracusan exiles, attempted to start a riot in the city by haranguing the astonished citizens from the platform in the assembly, and his treatment by Antander (the brother of Agathocles).

Neither the incident nor the personality of Diognetus is known to us from any other source. Nevertheless with the help of Diodorus (who, with Justin, is the only authority who gives any continuous narrative of Sicilian history at this period) these events may be located with some confidence in the autumn of 3 ro b.c. The tense situation in Syracuse, the mention of Hamilcar and the exiles (1. 37, cf. Diod. xx 15, 3;
 тоиิ тарєотиิтos (11. 43-45) suggest that the impact of war on the city had only recently begun. This is the kind of situation depicted for autumn 310 B.C. in Diod. $\times \times{ }^{15}-16$. Diodorus elects to describe the moment after Agathocles' landing in Africa and victory over Hanno and Bomilcar, before this news has reached Syracuse. Hamilcar in Sicily is attempting to exploit the despondency in the city caused by rumours of the annihilation of Agathocles' force. Antander is on the point of surrendering, but is forestalled by Erymnon the Aetolian who puts the defences in order. Eight thousand new fugitives, relatives and friends of those formerly in exile, join the
refugees on the Carthaginian side. If cols. ii seqq. describe events in Syracuse of that autumn, col. i should refer to an incident at Agathocles' camp at White Tunis during the same period, that is, after his resounding victory. Now at just this time there are two accounts, in Diod. $\mathrm{xx}_{17}, 2-4$ and 18 , $\mathrm{x-2}$, of Carthaginian assaults on the Syracusan encampment at Tunes. But neither of these attacks can be identified satisfactorily with thai in the papyrus. In both accounts in Diodorus Agathocles is represented as absent when the attacks are launched, in both it is a triumphant stratagem which brings him back; in the papyrus the phrase $\tau 0\left[i \imath_{s} \pi \epsilon\right] \rho i$ tò $A$ A $\gamma$ a$\theta_{0}[\kappa \lambda \in \dot{a} a(11.9-\mathrm{rI})$ implies the presence of Agathocles in person at Albus Tunes, and he seems not to be having the best of the exchanges. Nevertheless there is a hint in Diod. $\mathrm{xx} \mathrm{x}, 3$ of a sequence of events which conforms to that of the papyrus: oi yà



 ian attack which was directed against Agathocles in person, and which enjoyed sufficient success to cause Agathocles' Libyan allies to desert him, which is precisely the situation described in the first column of the papyrus. In view of the possibility that the attacks described in chapters $1 \%$ and 18 are two accounts of the same event and Diodorus' notoriously confused head for military matters this location seems satisfying. It is perhaps also worth noting the occurrence of the word $\pi \rho o v o \mu \in \dot{v} \omega$ in Diod. c. 18,2 and papyrus 1. r6. It seems therefore that Diodorus, while hinting at the development of the military situation in Africa, suppressed entirely the scene in the assembly described in cols. ï seqq. of the papyrus. This scene is no doubt later in time than the discussion of Erymnon and Antander which Diodorus did choose to describe, and which he may have thought a sufficient account of the state of morale in Syracuse.
It is perhaps worth adding that two alternative hypotheses for the location of the papyrus narrative have been examined and rejected. On the first of these, these events would be located in 307 B.c. This hypothesis obtains some plausibility from the apparent similarity of the military situation to that described in Diod. xx 59 seqq. Agathocles returned in that year from Sicily to assist his son Archagathus against vigorous and successful Carthaginian countermeasures, which included dispersing their forces, cutting the Greek communications (c. 6r, 3), and confining Archagathus to Tunes; while when his father returned, his Libyan allies were prevailed on to abandon him. There is nothing, however, in the known domestic history of Syracuse at this later date that can be reconciled with the events of cols. ii seqq. of the papyrus, and the mention in $11.34-39$ of Hamilcar in a way that presupposes him alive and not three years dead is a fatal obstacle to it. On the second hypothesis the restorations of col. i should be so managed as to make the Syracusans, not the Carthaginians, the
subject of the verbs. In that case the narrative might be made to square almost exactly with Diodorus' chap. 17 and 18 , even to the subject of oxuporá $\mu$ evor $11.7-8$;
 the linguistic, stylistic, and factual difficulties involved seem to me insuperable (see note on 1. r).

Suggestions for the authorship of these fragments must be made with caution, for none of the historians who are known to have dealt with this period and subject survives except in exiguous fragments. Of one of them, the Antander who is mentioned in the papyrus, it is known that he wrote a history of his brother's reign only because he is quoted as evidence for the age of his brother at his death (Jacoby, Fragm. Gr. Hist, iii B 565). Of the twenty-two books of Callias, Agathocles' personal historian, seven fragments survive (Fr. Gr. Hist. iii B 564 ), useless for any judgement. Now the papyrus narrative may be the work of one of these unknowns, but it is more likely that it is the work of a more famous name. Two such are to be taken seriously into account. The first is that of Timaeus of Tauromenium ( $F r$ r. Gr. Hist. iii B 56 ). He can, however, be ruled out from the start, for he was an exile and a bitter personal enemy of Agathocles, and therefore unlikely to have coupled exiles and Carthaginians in terms so disparaging as those of 11.36 seqq., or to have displayed Antander in so relatively mild a light. Moreover, the stylistic features and vocabulary of the papyrus are not such as to justify the praise bestowed by Cicero on his style (Fr. Gr. Hist. iii B 566, T 20, 2I). The second candidate for consideration is Duris of Samos, who devoted a separate work in four or more books to Agathocles. In favour of the attribution to Duris there are two arguments. The first is that since Roesiger wrote in 1874 Duris has beenn accepted as the main source of Diodorus' narrative of the history of Agathocles (a restatement of the arguments is given by E. Schwartz in $R E \mathrm{v}$, cols. 687 seqq.), and it has already been shown that Diodorus could have summarized (though unintelligently) col. i of the papyrus. ${ }^{\text { }}$ The second argument is the general style of the author of the papyrus. He aims at graphic and vivid description which will recreate the scene for his hearers, and his picture of the assembly suits well what one imagines to have been Duris' own manner of writing. from the latter's criticism of his predecessors, especially Ephorus and Theopompus (Fr. Gr. Hist. ii A 76, F I), or from Plutarch's sneer at his tragic mannerisms and his elevation of narrative brilliance ( $\delta \iota \eta \gamma \eta \sigma v s$ ) above truth (ibid. 78 ). The journalistic effectiveness of the papyrus is assisted by the use of popular phrases (\$adaivos, 1. 35 n .) and by the analysis of crowd reactions in a Tacitean manner. Syntactically the most noticeable feature of the papyrus is the stringing together of participles and genitive absolutes to build up a circumstantial picture. In col. ii, 11. $3^{2-52}$ there are six such participial phrases and the main verb has not been reached by the foot of the column; in col. iii, II. 60 seqq. there are five participles in genitive absolute construction before the subject,
${ }^{1}$ See addendum p. 106.
itself introduced by a participle，is introduced，the principal verbs being then further split antithetically and participially extended．This syntactical method appears in other surviving fragments of Duris，e．g．F ro．In diction the papyrus is not squeamish or fastidious：it uses the common Hellenistic crases，e．g．1． 62 тảvodos（cf．also ll．x7， ${ }^{78}$ ），does not avoid the form $\epsilon i \delta \bar{\delta} \tilde{\gamma}$（ $(1.78)$ ，has the common Hellenistic fondness for verbs compounded with two prepositions，some of them rare（ $\pi \rho o a v a \kappa \rho o v ́ \epsilon \sigma \theta a t ~ 1.46), ~$
 $67-68$ ）and constructions（ $\pi \rho \circ \nu 0 \mu$ ével with accusative $17, \dot{\epsilon} \pi \iota \theta \rho \rho \nu \beta \in \hat{\imath} \nu$ with accusative $6_{3}$ ）frequent in the koine．In all these points the papyrus would no doubt come under the same omnibus censure as Dionysius of Halicarnassus metes out（ T ro）to Duris and Phylarchus and Polybius and several other Hellenistic historians，though
 Dionysius＇contemporaries could bear to read them through．The case for Duris＇ authorship is therefore prima facie attractive．But it must fall short of proof．

If Duris is accepted as the author of this narrative，the papyrus provides a striking illustration of the weaknesses of Diodorus＇method．＇Excerpting＇，wrote E．Schwartz in $R E$ ，1．c．，＇destroys fine shades and connexions more than can at present be realized．＇

I should like to express thanks to Professor T．S．Brown and Mr．J．B．Hainsworth for suggestions made during discussion of this text．

| Col．i |  |  |
| :---: | :---: | :---: |
| One line lost |  | $[\tau \epsilon ¢ \epsilon] \pi \sim$ tous ave |
| ．．．．］．．．${ }^{\text {a }}$ | 20 | ［ ］．aфıбтaбav |
| ．．．．．］$\mu \in \nu$ кате－ |  |  |
| ［入aßo］yro тov ${ }_{\text {dodov }}$ |  |  |
|  |  |  |
|  |  |  |
| ［кац 7］o vtov охขp\％－ | 25 |  |
| $[\sigma \alpha \mu \epsilon \bar{\nu}$ or то入入a $\pi \rho a-$ <br> $[\gamma \mu а т а] \pi$ арєхоу то－ |  |  |
| ［ıs $\pi \epsilon] p \iota r$ ov AyaOo－ <br> $[\kappa \lambda \epsilon \alpha] \tau \omega \nu \delta{ }^{\circ} \delta \omega \nu$ |  | Col．ii |
|  |  | One line lost |
| $[\kappa \alpha a l$ |  |  |
| ［ขтovs］єьpүoyтes каи | 30 |  |
|  |  | $\tau \epsilon ¢ ~ а \nu \tau \eta \nu[\tau] \eta \nu \pi 0-$ |
| ［ $\chi$ ¢рар］проуонєшоу－ |  | $\lambda_{l y}$ ¢тทроиข rolav－ |
|  |  |  |

One line ．．．．．．．］${ }_{\text {нev катє－}}$

5 ［тор а］гткєєцєขレ $[\tau \omega \iota \Lambda]$ evk $\omega \iota T_{\nu \mu \eta \tau \iota}$ ［kal т］o vтov oxupu－ $[\sigma \alpha \mu \epsilon \nu$ or $\pi 0 \lambda \lambda \alpha \pi p a-$ $[\gamma \mu a \tau a] \pi$ ареєरоу то－
10 $[\kappa \lambda \epsilon \alpha] \tau \omega \nu \delta$ oठ $\omega \nu$

 ［यтоиs］єррүо̣теs каи
15

Col．ii


 $\lambda_{l y}$ єтทооу


2399．ANONYMOUS（DURIS？），SICILY UNDER AGATHOCLES 103



## $\omega_{s}$ ovans $\Delta_{i}[\mathrm{o}] \gamma \eta \eta$ тos $>$ о фа入аиноs єтєка入оч－ $\mu \in \nu o s$ ठ $\iota є \phi \theta a \rho \mu \in \nu o s$

 $v \pi ~ А \mu \iota \lambda к о v к а \iota ~ т \omega \nu$ $\phi$ фүаסшע кац $\pi \alpha$－ рєбкєvaгрєขos ау$[\tau \omega] \nu \alpha \nu \theta \rho \omega \pi[\omega \nu \tau \omega \nu] \pi \epsilon \mid[\rho \iota]$
．．．

## Col．iii

．．．．．．．．．．．］．кє［
．．．．．．．．．］aıт $\overline{s[. . .] a .[~}$
．．．．．．］．$\alpha \lambda \lambda a \xi[.] \kappa \alpha$

［．．．］$] \tau \epsilon \sigma \nu \nu \epsilon[\tau \omega r] a s$
$[.$.$] ros \pi \alpha \rho \eta \nu \kappa[a l] \lambda o-$ үous $\pi \lambda \epsilon t o u s \delta_{\iota \in \tau \iota} \ell \epsilon-$
то т $\tau \nu \delta$ ар $\rho р \omega \pi \omega \nu$ кататєп入 $\eta \gamma \mu \epsilon \omega \nu$
$\epsilon \pi \iota$ тท८ таvסроs то入－ $\mu \eta \iota \kappa \alpha \iota \tau \omega \nu \mu \in \nu \in[\pi \iota]$ Өорvßоvขтшข аขтоу $\tau \omega[\nu] \delta \in \kappa \in \lambda \epsilon \nu о \nu \tau \omega \nu$ $\lambda \epsilon \gamma \epsilon \iota \nu \in \tau \iota \delta \epsilon \tau \omega[\nu]$
เa̧ovт $\omega \nu$ т $\omega \nu \nu$ ракобเ $\omega \nu$ ขтє $\tau$ тои тодєцои тоv тарє－ ат $\omega \tau$ оs є $\xi$ аıфиךs avaotas ка८ $\pi \rho \rho \alpha \nu \alpha-$ кроибацєขOS є $\boldsymbol{\pi} \iota$ тои $\beta \eta \mu a \tau о$ оять $\beta$ ои－ $\lambda \epsilon \tau \alpha \iota \pi \epsilon \rho \iota \tau \omega \nu \sigma \nu \mu-$ $\phi \epsilon \rho о \nu \tau \omega \nu \delta \iota \alpha \lambda \in \chi^{\theta} \eta^{-}$ vaı т $\omega \iota \delta \eta \mu \omega \iota \kappa \alpha!$路

ठєєvגаßочрешшข $\mu \eta$

 Auravסpos eve－ $\chi \in!\rho \eta \sigma \varepsilon \nu \mu \epsilon \nu$ тоข $\Delta \iota-$
 $\kappa \lambda \eta \sigma \iota a s$ атауаүєเv $\kappa а \tau а \sigma \chi \omega \nu ~ \delta ~ а ч т о \nu ~$ кал $\beta$ оидо $\mu є$ коs тро－ $\tau \epsilon \rho о \nu$ єьঠŋбає тато $\tau \omega \nu \alpha \nu \theta \rho \omega \pi[\omega \nu$ －• •

Col．iv
One line lost $\sigma[$ $\tau \omega[$ a．［． $\underset{[ }{s+}$

85

90
بTTO［．．．］．］

атокатє
［．］］aneधe．［
［．$] \eta \sigma a v \tau \omega[\nu \delta \epsilon \tau \omega \nu \pi-$－］

катпүорпбер $\mu\{\nu A \mu \lambda-]$
 $\omega \mu \sigma \eta \eta$ ros $\delta_{\iota \epsilon} \beta a \alpha[\lambda \epsilon]$ $\overline{\delta \epsilon}$ Tov $\Delta$ to $\gamma \eta \eta_{T o v}[\omega s]$



## Fragments

| i． | ii ． |
| :---: | :---: |
| ］．［ | $] \nu \in \xi \in$ |
| avaloras［ | ］o $\pi \lambda \eta$ |
| ］$\nu \in \beta$ ov［ | ］$\epsilon \pi \epsilon$ |
| $\tau 0] p \Delta \iota \sigma \gamma[\nu \eta \tau 0 \nu$ | ． |
|  |  |
| ］cı．［．．］．［ |  |
| －－ | v． |
|  | ］$\epsilon \tau \omega[$ |
| iii ．． | ］$\nu \tau[$ |
| ］vs $\mu \in \nu$ | $] \lambda_{\epsilon}$ ． |
| ］тєц廿就 |  |
| ］ка［ ］ |  |
| jov тots |  |
| 5 ］тє\X | vi ． |
| ］$¢$ ¢ ${ }_{\omega}$ | －］$\omega^{\circ}$［ |
| ． | ］erv［ |
|  | $] \epsilon \pi \epsilon[$ |
|  | ］．$\nu \pi \pi[$ |
| ］$\mu$ P．［ | 5 ］．．．［ |

‘．．．（some）seized the ridge overlooking Albus Tunes，fortified it，and caused much trouble to Agathocles and his men．They barred them from the roads，both that leading to Neapolis and those which led eastwards；and without having to fight，they foraged over the whole of the neighbouring countryside，and with the rest of their force made an expedition against the inland population and war gained strength．．．．

2399．ANONYMOUS（DURIS？），SICILY UNDER AGATHOCLES 105
＇．．．while the Syracusans，since their common people were unfitted for war，set a guard on the city itself．Such being the state of affairs，Diognetus surnamed Phalaenius，who had been corrupted by Hamicar and the exiles，and hired to bring the city over if he could，suddenly stood up in the his remarks on the platform by saying that he wished to speak to the populace about their inter－ his remarks on the platform by saying that he wished to speak to the populace about their inter－ and delivered a long address．While men were aghast at the fellow＇s audacity，some of them trying to shout him down，others again bidding him speak，the majority，however，being held in the grip of speechlessness and playing safe lest there might arise some disturbance in the city，Antander rose and arranged his removal from the assembly．After securing him，wishing first to find out informa－ tion about the men who ．．．
＇made accusations against Hamilcar and his cruelty and attacked Diognetus as a trouble－ maker．．．．＇’
Col．i A strip has been lost on the left－hand side equivalent to about four letters at the top and more towards the foot，where the writing probably shared the common tendency，seen also in the is a bad patch of papyrus which the scribe seems to have deliberately avoided．
The suggestion，glanced at in the Introduction，to make Agathocles and his soldiers the subject of the verbs in this column could be achieved by restoring ll．8－II то入入à прá $\gamma \mu a \tau a]$ пареіхоито［оi
 is scarcely tolerable，however，to postpone to such a point the subject of a sentence that begins with a principal verb，especially if the hypothesis that it begins with $\mu \hat{e} \nu$ is right；the Greek for＇to cause trouble＇is $\pi \rho^{\prime} \gamma \mu a \tau a \pi \alpha \rho \dot{\epsilon} \chi \in \omega \nu$ ，not $\pi a \rho^{\prime} \chi \in \sigma \theta a$, ，and the phrase badly needs an expressed indirect object．Moreover the restoration ro［úrous］in 1．I4 is acceptable if it picks up a reference to roits $\pi \in p i$


 consideration apart，stylistic considerations seem absolutely to require the restoration $\pi \rho$ á［ $\gamma \mu a \tau a]$
 Carthaginians＇．
 10，6；39， 5 ．

6 The scribe has written Típ $\mu \boldsymbol{\eta}$ for Túvntı，probably by mere error．Aeukòs Túvns（Albus Tunes）is placed 2,000 stades from Carthage by Diod．xx 8,7 ，yet in c． 17,5 its besiegers flee in panic into Carthage．The site of modern Tunis，I4 miles west of Carthage，is generally agr
possible position for it．Cf．RE s．v．Tunis；H．J．W．Tillyard，Agathocles，p．1og．

ne name is mentioned as that of a suburb of Carthage．Tillyard，p．I23（cf．Windberg in $R E$ s．v． Neapolis 26），identifies it with Nabel in the bay of Hammamet．If the Carthaginian suburb is meant here，the roads $\pi$ fośs ém are presumably the roads into the Cape Bon peninsula and to Hadrumetum； if Néa ródss is Nabel，the other roads are presumably those leading to Carthage．In either case Agathocles would have been prevented from moving north－east and south－east from Tunis．The ban on movement in the latter direction would not only hinder access to the Gulf of Sousse，but also stop supplies from the rich（Diod．xx c．8）area of Megale polis in the Cape Bon peninsula，while the Carthaginians could forage in this area without fighting．
 gratia．

 and appears to be part of $\iota$ or $\nu$ rather than $\sigma$ ．It suggests，e．g．，$\sigma v$ ］paфioraбav or even кa］aфioracav．



26 ejucorûros is an alternative restoration.
Col. ii 35 фalalvos, a coinage from фádava 'a whale' (a term applied to Cleon in Aristoph. Wasps 35,39 ), because of his great intake.
36 The meaning of the marginal diple. is unknown. For other examples of its use in prose texts see 2101 and $P$. Hawara I5 (both Xenophon), 1241 v 5 , etc. (Miscellany), 1248 I 15 and 2102 iiii (both Plato), P. Ryl. 55 , 33 (Herodotus). Of its use in Platonic texts Diog. Laert. iii 66 says $\delta i \pi \lambda \lambda \bar{\eta} \pi \rho \dot{o}$

 Col iii 54 e.g. da]]actino[avr]as.
55 Probably some part of a compound of $\dot{d} \lambda \lambda \alpha_{\sigma \sigma \sigma \omega}$ is to be recognized (e.g. кa] rad入at[ac).
58-59 These verbs should probably be regarded as giving the content of Diognetus' harangue in the assembly, namely that he had been present at a meeting of conspirators or would-be negotiators
 ${ }^{6} 8$ The first
$E N{ }_{11566^{2}} 7$ and Theophrastus Charadters, Proem. 4. Mayser, Grammatik d.gr. Papyri I ${ }^{2}$ ii p. 145 offers four examples from Ptolemaic papyri.
 $\delta \dot{\kappa} \boldsymbol{\kappa} \lambda$.






Col. v The fragment is detached from the main piece, but a continued set of horizontal fibres can be traced which suggests that 1 . Io7 should be placed level with 1.89 .

Fragm. i: could just possibly be attached at the foot of col. iv , but the join thus made is not very convincing.

Addendurn: Lexical coincidences support the argument that 2399 is a source of Diodorus.
 34.4. I owe one or two suggestions also to Dr, P. Maas and Mr. E. A. Barber.
2400. Subjects for Declamations
$8.5 \times 1 \times 5 \mathrm{~cm}$.
Third century.
The eighteen lines of this text, written without punctuation in a not very wellexecuted third-century hand of the common angular type on the verso of a taxregister of the late second century, list vimo日éress for rhetorical $\mu \in \lambda \in$ érat. Each topic is set out as a grammatical sentence : first the name of an historical or literary personage, then an aorist participle recording an action of that personage, followed by a verb in the present indicative. If the declamation is to be forensic, the verb is one of accusation, the subject of the charge is put in the genitive case, and the time-framework for the declamation may be expressed in one or more genitives absolute; if it is to be symbouleutic or epideictic, the verb may be more general. The aorist participle records a well-authenticated action of the personage in question, the succeeding finite verb puts him in an imaginary situation. There is an exact parallel for this manner



The topics mentioned in the papyrus may represent the stock in trade of a travelling rhetor, or may have been copied from a standard list. Including, as they do, an accusation of Cleon for his notorious proposal of 428 B.c. to put to death the male population of Mytilene, and a prosecution or defence of Euripides on a charge of impiety, as well as the commoner topics connected with Alexander the Great, they are a reminder of the fidelity of the schoolmasters of third-century Oxyrhynchus to their classical heritage.

I am grateful to Professor A. W. Beare of Bristol University for suggestions which led to the recognition of the nature of this text. against drawing any historical inferences from the word крiveтa.. Equally 'Hpaклéa $\mu$ auvó $\mu$ vov is means of a play', cf. Kühner-Gerth ii I, 465 ; UPZ 48 , I3 $\delta$ dadvó


## 2401. TERENCE, ANDRIA

962 seq., 973 (the same transposition also in one $\delta$ class Calliopian). In three of these instances ( $618,622,655$ ) the false reading is found also in the lemma of Donatus. The papyrus does, however, seem to represent the truth several times, as against the manuscripts; (a) Calliopians only: 616, 647, 66I (the same reading in one $\delta$ class Calliopian) ; (b) Bembinus and Calliopians: 928 (confirming Bentley's emendation), 957 seq. (confirming G. Hermann's colometry), 973 (so also one Calliopian of the mixed class).

The papyrus further differs from A and the early Calliopians in carrying the second ending of the play (see note on 976). Where the Bembinus and the Calliopians diverge it shows no affinity to either recension; the false readings it shares with $\Sigma$ in 934 and 939 are trivial, that in 938 is doubtful; it is correct with A in 945 (absence of interpolation) and 969 , with $\Sigma$ in 971 . The same holds where one branch of the Calliopians goes with A as against the other: the papyrus never shares corruption with either side, but is correct with $A+\gamma$ in 961 , with $A+$ (part of) $\delta$ in 927,945 , 959, 962 (optem), 974, 975, with $\delta$ (and E) against A+ $\gamma$ in 944 (egomet) and in beginning a new scene at 965 (so also Donatus).

All this seems to indicate detachment from our manuscript transmission. But, on the other hand, the papyrus shares corruption with the Calliopians (in the absence of A) in $607,610,616,619$, and whilst, where $\gamma$ and $\delta$ are divided, it is free from corruption with $\gamma$ in $627 / 8,631,664$, and with $\delta$ in 647 , and may be right with $\gamma$ in $66_{3}$ (facere id), it is certainly wrong with $\delta$ ibid. (pollicitus sum), 637 (trivial), and 665. Particularly significant are two lines where a word omitted (6ri) or added interlineally ( 962 ) in the papyrus is not firmly anchored in the manuscripts (compare also 6ri).

For the notes on the text and the textual comment in this introduction we are indebted to Professor O. Skutsch.

## Transcription A

Folio I verso
605 <se
602 .rumfẹ[.]ellịinut[..]a
604 hemastutia ${ }^{\circ}$ quodsiquiess. [
606 ụtinam.ihiessetaliquid[....].. [

$$
\begin{array}{ll}
\text { pamph...s } & \text { dạ[.]us } \\
\text { adulescens } & \text { seruus }
\end{array}
$$

adulescens seruus
.biillicestscelus,quime,perdiditतa. [
adquẹhọçconfiteoriuremihiobst.[. .].i[

609/10 mëc.mm.sisseffutt.li.ergopraetiumọbst..[ auf
id,numq.amferet•dapost,hac,incolumemsa[
.inunc
si,de..to,hocmalum. $\overline{\text { pamnamquid, egonuncọ [ }}$
negabouelle, $\mathbb{L}$. $\mathbb{I}$ m. modoquipollicitussumd $[$
facere,id,audeam•necquid,nuncfaciamșio. c[......]dem[
adq$\odot[$.$] .agosedulo dicam, aliquid,iam[i. . .]mein[. . . . . .] ]umụ[$
[..]as.e
aliquamproducamm[.].am•paohda $u$ us.ssum[. . . . . .]mb.[ quidaisuiden,me,tuisconsiliismiserumimpedịi[ . . .]daa[
$\overline{\text { da }}$

pa oh,tibiegocreḍamfurcifer-tureminpeditạ, e[...]rditam
519/20 restituashemqu .fretussiem-quimeh.d..,[.]x.r. .quill.[
e[. ]ẹ hoc
conieçistiinnuptias•ann.ṇdixissefuturum $\cdot$. [.]ixți•pa[
da crucem•sedsinepaululum,adme, utredeamiamal. .[.] ${ }^{\text {ano.. }}$ id dispiciam@paeimihi. .mnonhabeospatium.tde.es. . [ utuolo namq ${ }^{\circ}$ hoctempuspraecaueremihịi[. . ]haut $[$

$$
\begin{array}{lll}
\text { charinus } & \text { pamphilus } & \text {.[.].us } \\
\text {..l.s..ns } & \text { adulescens } & \text {..rupus }
\end{array}
$$

625
ch hocineest,credi...e,autmemorabile
tantau[a]lecordia, innatacuíquamu.s..

## Transcription B <br> Folio I verso

erum fe[f]elli; in nupt[i]as con[ieci erilem filium;]
feci hodie [u]t fierent [insperante hoc atque invito Pamphilo.]
hem astutia! quod si quiesse[m, nil evenisset mali.]
se[d eccum ipsum video: occidi.]
utinam mihi esset aliquid [hic quo nunc me praecipitem darem!]

$$
\begin{array}{ll}
\text { Pamphilus } & \text { Da[V]US } \\
\text { AdULESCENS } & \text { SERVUS }
\end{array}
$$

$P A$. Ubi illic est scelestus qui me perdidit? DA. P[erii.
$P A$. Atque hoc confiteor iure mihi obst. . [
tam iners tam nullius consilii sum. servon [fortunas meas]
me commisisse futtili! ergo pretium ob stu[litiam fero; sed inultum id numquam auferet. DA. posthac incolumem sa[t scio fore me] si nunc devito hoc malum. $P A$. nam quid ego nunc d[icam patri?] negabo velle me modo qui pollicitus sum d[ucere? qua audacia] facere id audeam? nec quid nunc faciam scio. $D[A$. nec quildem [me] atque [i]d ago sedulo. dicam aliquid iam me in[ventur]um u[t huic malo] aliquam producam m[0]ram. PA. oh! DA. visu' sum. [PA. eho du]m, bo[ne vir,]
quid ais? viden me tuis consiliis miserum impedi[tum?] DA. a[t iam expediam.]
PA. expedies? $D A$. certe, Pamphile. PA. nempe ut modo. DA. [i]mm[o m]elius spe[ro.]
$P A$. oh tibi ego credam, furcifer? tu rem inpeditam e[t pe]rditam
69/20 restituas? hem quo fretus siem, qui me hodie [e]x tranquilli[ssuma re] coniecisti in nuptias, an non dixi esse hoc futurum? DA. [d]ixti. $P A$. [quid meritu's?]
$D A$. crucem. sed sine paululum ad me ut redeam: iam aliq[u]id
dispiciam. PA. ei mihi cum non habeo spatium ut de te sum[am supplicium]
ut volo! namque hoc tempus praecavere mihi [me] haud [te ulcisci sinit.]

| Charinus | Pamphilus | $D[A]$ vus |
| :--- | :--- | :--- |
| adulescens | adulescens | Servus |

625
CH . Hocine est credibile aut memorabile,
tanta vecordia innata cuiquam ut sit

EXTANT CLASSICAL AUTHORS
ut,malisgaudeantadqueexincomm[.]d[

$$
\text { . } \lambda \xi g . \in
$$

sua, utconp. $\lambda$. rentcommodaah-
idestuerum•immoidestgenushomin!
pessumumoindenegandomodoquispud. .[..]..ụm.d[
post,ubitempuspromissaiamperfị. ©itum [.]. ..t..nẹ[
ettiment•ettamemreseospraemiṭdeṇ....t.
ibi,tum,eoruminpudentissimao.. .[. . . . . .] $q$ q

Folio I recto

$$
\begin{aligned}
& \text { ]mt[..]irheus• } \\
& \text { c. } 26 \text { 11. ].[.]m.n,ubifide. .șt } \\
& \text { c. } 2511 \\
& \text { Isest } \\
& \text { c. } 26 \mathrm{ll} \text { ].ib.u.[..]ntur- }
\end{aligned}
$$

c. I5 ll. ]mneadeumbetcumeoiniuriamhancexpo.[.]

I5 $11 . \quad$ juealiquisdicatnhilpromoueris
c. 16 ll. $] c$. $]$ rteeifueroadqueanimomoremgésser $[.]^{\circ}$
c. 15 ll. ]einprudensnisiquiddi. espici.ntperd[.].[
c. 12 11. ]dienstandeminuentaestcausa.oluísṭif̣idem ch
c. I2 II. ]. etiamnuncmeducereistị̣dictispostulas
c. I3 ll. ]postquammeamaredixiconplácịtaesttibi
c. I4 ll. ]umquituum, animum, exanimospectauim [
.. Susesochnon [ibisatis


jisimelactasses,amantemet.alsaspeproduceres
. . .]eas ${ }^{\ominus}$ pahabeam haṇescisquanțiṣ[.]nmalisuersermiser ${ }^{\odot}$
[.].[.].. asquehicsuisconsilismihiconfẹçitsollicitudinẹs
meuscamufex•ch•quidistuctammirumestdetesiexeplumcapit
. .]s.tisṭtucdic[.]ssicogṇo .isuelmeuelamoremmeum.
. . . . ]çumpat.[.....]. . .stịdudumet[.]s[.]u. . propterẹatibi
. .]sc[.]ns....eec.....i.ithodie. .gereillamutduceres

2401. TERENCE, ANDRIA
ut malis gaudeant atque ex incomm[o]d[is alterius] sua ut comparent commoda? ah
id est verum; immo id est genus homin[um]
pessumum in denegando modo quis pudor [pa]ulum ad[est;]
post ubi tempus promissa iam perfici, tum [cloacti ne[cessario se aperiunt,]
et timent et tamen res eos premit, denegant;
ibi tum eorum inpudentissima ora[tio est] 'q[uis?]

## Folio I recto

635 [tu es? quis mihi es? quor mea]m t[ib]i? heus [proxumus sum egomet mihi.' at] t[a]men 'ubi fides est?'
[si roges nihil pudet hic ubi opu]s est;
[illi ubi nihil opus es]t ibi verentur.
[sed quid agam? adea]mne ad eum et cum eo iniuriam hanc expos[t]ulem? [ingeram mala multa? atq]ue aliquis dicat 'nihil promoveris':
[multum: molestus] c[e]rte ei fuero atque animo morem gesser[o].
[PA. Charine, et me et $t] e$ inprudens, nisi quid di respiciunt, perd[i]d[i].
[CH. itane 'inpru]dens'? tandem inventa est causa: solvisti fidem.
[PA. quid 'tande]m'? CH. etiam nunc me ducere istis dictis postulas?
645 [PA. quid istuc est? CH.] postquam me amare dixi, conplacita est tibi. [heu me miser]um qui tuum animum ex animo spectavi m[eo!]
[ $P A$. fal]sus es. $\quad C H$. non tibi satis hoc solidum visum est gaudium, [n]isi me lactasses amantem et falsa spe produceres? [hab]eas. PA. habeam? ha nescis quantis [i]n malis verser miser [q]u[a]ntasque hic suis consiliis mihi confecit sollicitudines meus carnufex. $\quad \mathrm{CH}$. quid istuc tam mirum est de te si exemplum capit?
[PA. ..]s.t istuc dic[a]s si cognoris vel me vel amorem meum.
[CH. scio:] cum patr[e alte]rcasti dudum et [i]s [n]unc propterea tib [su]sc[e]nset nec te quivit hodie cogere illam ut duceres.

655 [PA. im]m[o etiam quo]min[u]s tu scis aerumnas meas,

EXTANT CLASSICAL AUTHORS
...]ṇup.... nonapparabanturmihịneqӨpostulabat
. . . . .]uam[. . . .]ụxoremutducerem
. . . . . ]ucoą. . . . . uauoplu. [.] ]tatees®. . mane $^{\odot}$
. . . . .]m[.]. .[...]s[.]ị̣equidemillamduc̣turum. .șetẹ
:..........]. .audi[.].n[. .]amdesti.it
c. $2511 . \quad] m p a t r i{ }^{\circ}$
c. 24 ll. ]...[..].. lit.
c. 20 ll. ].ṣ®..da.ụ....[.]nterrturbaț•••quam
c. 24 11. ].cị. [...]seiratosquiauscultauerim
. . . . . . hhoceses $^{[ } .$. .].edafactum ${ }^{\circ}$ chhemquidaisoscelus $\odot$
c. I4 ll. ]mfatisexitiumduinte
c. I7 ll. Jhuncconiectuminuptias
c. I4 ll. ].ụodnisihoccons.lịumdarent

Folio 2 recto
]ṇdroţu. [. .].[
]ța.cunaparuaụ[..]goṭụm[ c. I3 ll. ].d.....t
]mumadchrysidis.[.]tremse.s.[.....]m.n.n[...]. .t
]ne•critaneueroo[.]tu.bat•siperge[.. .].umism[.]hicọg.atụ[
].ieumrece. .[. .]bieg. , audiuiexilloseseesseat.[..].m
]bimortusest[.]. eiusnomen. $\overline{\text { u }}$ nomentamcitoph[.]nia $\odot$
]m.[.]pericruerumhercleopinorfuissephaniam ${ }^{\circ}$ hoccertescio
]
].mseaiebatesse $\odot$ cho $[. ..] . .$. [ c. I4 ll. ].eme ]..n[..]sseaiebat-crnonchcuiam[....]ure ].t.meaest-siquidtuais'ㅎa.[....].aurē.p[....] le ]nị.[..]llefratermeusfuit-siṇ. . . .etscio ]. $q$ ®inasiamsequenssi[. . . . . ]iscitur
]. .elinquerehicestueritu[.......].illa.
]. .mumaudioquiḍillositfacț[. . . . . . .]sumapuḍ.

2401. TERENCE, ANDRIA
[hae] nuptiae non apparabantur mihi neque postulabat [quisq]uam [nunc] uxorem ut ducerem.
$C H$. scio t]u coactus tua voluntate es. PA. mane. [nondu]m [s]ci[s. $\quad C H$.] s[c]io equidem illam ducturum esse te
$P A$. cur me enicas?] hoc audi: [n]un[qu]am destitit
[instare ut dicerem me ducturu]m patri;
[suadere orare usque adeo don]ec $\mathrm{p}[\mathrm{er}]$ pulit.
[CH. quis homo istuc?
PA. Davjus.
CH. Davus?
PA. [i]nterturbat CH . quam ob rem?
[ $P A$. nescio; nisi mihi deos satis] scio f [uis]se iratos qui auscultaverim. [at tibi di dignu]m factis exitium duint!
[eho dic mi, si omnes] hunc coniectum in nuptias [inimici vellent] quod nisi hoc consilium darent?

## Folio 2 recto

[et is]taec una parva v[ir]go. tum [ille egens forte] adplicat
[pri]mum ad Chrysidis p[a]trem se. SI. [fabula]m in[cep]tat. [CH. si]ne. CR. itane vero o[b]turbat? SI. perge. [CR.] tum is m[i]hi cognatu[s fuit]
[q]ui eum recepi[t. i]bi ego audivi ex illo sese esse Att[icjum.
[is i]bi mortuus est. $[C] H$. eius nomen? CR. nomen tam cito? $\mathrm{Ph}[\mathrm{a}]$ nia?
[he]m. ..perii! $C R$. verum hercle opinor fuisse Phaniam; hoc certe scio, [Rhamnusi]um se aiebat esse. CH. o [Jup]pite[r! CR. eadem haec $\mathrm{Ch}]$ reme,
[multi alii in A]ndro tum [au]d[ivere. CH. utinam id sit quod spero! eho dic mihi,]
[quid eam tum? su]amn[e e]sse aiebat? CR. non. CH. cuiam [igit]ur?
$[C R$. fratris filiam. CH. ce]rte mea est. SI. quid tu ais? PA. a[rrig]e aures, P [amphi]le!
[SI. qui credis? CH. Pha]nia [i]lle frater meus fuit. SI. noram et scio.
935 [CH. is bellum hinc fugiens m]eque in Asiam sequens [profic]iscitur:
[tum illa]m relinquere hic est veritu[s .....].illa
[nunc p]rimum audio quid illo sit fact[um. PA. vix] sum apud me:
[ita animus co]mmotus metu

## Folio 2 verso

c. 2 II. $\quad$ ili....q®eccumpāali[.]u... [

. . .]dẹọ[. . .]u[. . .]m[. . . . .]er. . semp.teter[.]amessearbitror
q[.].duo[...]...[.].seorumprop. .esu. tnammihi[il $]$ mmo.t
pa.[.]est.[...].ul.aeegritu. [.]umuicgaudio.ntẹcesserit
quidilludga.di[.]stpāsedquụemeg. . oti.sịmumoptem.[
haec. nạ. .ẹmḍ[. .]idaụumu[. .]eonem .estquemmal!

d...s charịinus ..m
s.[...]s adulesceṇs adul[

965 da .amph[......].namh[.]cest padauedaquis[
$\overline{\mathrm{pa}}$ nescisqu[..]. .obtigerit•daçertesedqụ[.]d [
$\overline{\mathrm{pa}}$ etquidẹm[....]orȩ̣hominumeuenit,utqụ[
priusrescis.[....].].ụquameg[..]]ludquọdtit.
$\overline{\mathrm{pa}}$ glyceriummẹ[. . .]osparentesrepp. .it $\overline{d a} \odot f a[$

## 2401. TERENCE, ANDRIA

[spe gaudio mira]ndo tanto hoc tam rep[e]n[tino blono.
[SI. ne istam mul]tis mod[i]s invenir[i] tuam gaudeo. PA. credo, pater.
 um tua religione, odi]u[m;n]o[d]um in scirpo quaeris. $C R$. quid istuc e[st?]
$C H$. nomen non conveni]t. CR. [fui]t hercle huic aliquid parvae. [CH.] quod C[rito?]

## [numquid meminist]i? $C R$. [id q]uaero. $P A$. ego huius memoriam

 patiar me[ae][voluptati obstare, cu]m e[g]omet possi[m] in hac re medicari mihi?
[heus, Chreme, quod quaeris, Pasib]ula est. CH. ipsa est. CR. [e]a est.
[PA. ex ipsa miliens audivi. SI. omnes nos gaud]ere hoc, Chreme
[te credo credere. CH. ita me di ament, credo. PA. q]uod restat, pater
[SI. iamdudum res redduxit me ipsa in gratiam. $P A$. o lepidum patr]em! [de uxore, ita ut possedi, nil mutat Chremes? CH. causa optum]a est; [nisi quid pater ait aliud. PA. nempe id. SI. scilicet. $C H$. dos Pamphile,] est

Folio 2 verso
CH. Proviso quid agat Pamph]ilus. atque eccum. PA. ali[q]uis me [forsitan] $[p] u[t e t$ non $p] u \operatorname{tar}[\mathrm{e}$ hoc v$]$ eru[ m , at mi]hi nunc [si]c esse hoc verum lu[bet.] [ego] deo[rum] v[ita]m [propt]erea sempiter[n]am esse arbitror q[u]od vo[lup]ta[t]es eorum propri〈a〉e sunt; nam mihi immort[alitas] $\operatorname{par}[t]\langle a\rangle$ est .[...] nulla aegritudo huic gaudio intercesserit.
[CH.] quid illud gaudi [e]st? PA. sed quem ego potissimum optem mihi, n[unc cui]
haec enarrem, d[ar]i, Davum v[id]eo. nemo est quem mallem omnium.] nam [hu]nc scio me[a] solide solum gavisurum g[audia.]

$$
\begin{array}{lll}
\text { Davus } & \text { Charinus } & \text { Pam[PHilus] } \\
\text { SE[RVU]S } & \text { ADULESCENS } & \text { AdUL[ESCENS] }
\end{array}
$$

965 DA. Pamph[ilus ub]inam h[i]c est? PA. Dave. DA. quis homo est? PA. ego sum. DA. o Pamphile.
$P A$. nescis qu[id] mi obtigerit. DA. certe; sed qu[i]d [mihi obtigerit scio.]
$P A$, et quidem [ego. $\langle D A$.$\rangle m]ore hominum evenit ut qu[od sim nanctus$ mali]
prius rescisc[eres] tu quam eg[o i]llud quod ti[bi evenit boni.]
$P A$. Glycerium me[a su]os parentes repperit. $D A$. fa[ctum bene. $C H$. hem.]

970 .. pateramicușsummusnobi[...]qu[...]. .hrem[
.. .ecrnorau.laestquineamuxorẹm. [
. .quạeụ.g.]. nsuoluit-pațumdep[
solusesquemdid.ligant $\cdot$. .[...]uụ[ conloquař. . quisesțọcharịẹ.. .t.[ tuusestnuncch [
$\overline{\mathrm{pa}}$ meminiad ${ }^{-}$.[
ch m...[.]ọ[
ch
602 On the upper half of this sheet most of the left margin is missing and with it the names of the speakers.

606 A line has been drawn by $\mathrm{m}^{2}$ above pamph. . .s and another above da[.] f .
600 futt li: before $l$ either $u$ or $i$ followed by an erasure.
6 I 3 After welle room for one or perhaps two letters: either an erasure or space left blank.
615 After iam faint traces of ink; iam perhaps written again and then erased by $\mathrm{m}^{1}$. Across last letter in line a mark ( $\alpha$ in $\mathrm{m}^{2}$.

623 Both first and second hands placed a point after dispiciam.
624 Last letter of line definitely not $d$. Above praecaucre perhaps very faint traces of Greek letters.

625 Line drawn below this line is presumably paragraphus.
626 At end of line sil more likely than siet.
640 promoueris corrected from promouerit by $\mathrm{m}^{1}$ who probably added Greek gloss.
${ }_{64}$ Faint traces of writing above espici.
643 Small space left before fidem, probably because surface of papyrus was damaged.
646 After qui space of one letter and trace of ink; probably erasure, but just possibly quia was written.
${ }_{647}$ At end of line faint traces of writing in $\mathrm{m}^{1}$. Writing above line also in $\mathrm{m}^{1}$ : final letter perhaps $e$, but not preceded by $s$.

650 Writing above line in $\mathrm{m}^{1}$.
651 exeplum: $\mathrm{m}^{2}$ wrote $p l$ in ligature which $\mathrm{m}^{2}$ failed to recognize. Greek letters above line in $\mathrm{m}^{1}$.

658 uolu: followed not by $n$ but by $p$ or $t$, then an erasure.
665 Faint traces of writing in margin by $\mathrm{m}^{1}$.
930 s above line in $\mathrm{m}^{1}$; on grounds of space rhamnusium cannot have stood in full; possibly $u s$ omitted and added above line.

936 Before illa possibly s.
960 Greek above line in $\mathrm{m}^{1}$; probably not $\eta \delta$ ovau.
969 Blank space left after rep. Point after $d a$ is unusually large and scribe may have begun to write $u$
$978 \mathrm{~m} . m o$ is a possible reading; of the first letter the top horizontal stroke is clear and though
97 the letter is incomplete any reading except $m$ is practically excluded.

PA. pater amicus summus nobi[s. DA.] qu[is?
$P] A$. Chrem[es.

## narras probe.]

$P A$. nec mora ulla est quin eam uxorem d[ucam. CH . num illic somniat] ea quae vigilans voluit? PA. tum de p[uero, Dave $D A$. ah desine!] solus es quem di diligant. $C H$. [sal]vu[s sum si haec vera sunt.] conloquar. PA. quis est? o Charine, in te[mpore ipso mi advenis.] . bene factum. aud[istin o]mn[ia ?] ag[e, me in tuis secundis respice.] tuus est nunc Ch[remes: facturum quae voles scio esse omnia.]
$P A$. memini: atque.[
CH. m. .[.] $\mathrm{o}[$
CH.
602 inut: in nup(tias) codd.; cf. 667.
604 hem: so or cm codd. Note that the word is attached to 604, not to the end of 603 . astutia: so or astutias codd.
605 This line was added by the corrector in the upper margin.
607 The corrector, puzzled by scelus qui, emended to scelestus (scelus scelestus intellegitur Donatus). me perdidit: so all ancient MSS., Don(atus), Eugr(aphius); perdidit me most edd.; me hodie Bentley after some late MSS. (omitting perdidil).

608 Some form of obslare or possibly ob stultitiam (cf. 609-10); abtigisse codd. 6ro ergo: so or ego codd.; ergo Servius, Aer. xii 352; ego ibid. ix 232. id numquam: so codd.; numquam id most edd.
6 I I si deutito hoc malum: nunc si deuito hoc malum CPE ₹ $\eta$ Eugr. rec. $\alpha$ (nunc si hoc deuito malum . $\beta$ ) ; hoc nunc si deuito malum DGL p. The preceding line would be long enough without nunc,
which the corrector has entered (together with si?) above -uito.
612 negabo: negabon codd,, edd.
$\mathrm{Kr}_{3}$ poolicitus sum: so DL p Don.; sum pollicilus CPG $\mathrm{PEv} \eta$, edd. The papyrus eludes the crux in the second half of the line.
facere id: so CPE $\vee \eta$; id facere DGL p Don. (lem.)
614 nunc facian: nunc me (de me G) faciam DGL p Prisc. ; me nunc faciam CP; de me nunc faciam 614 nunc faciam : nunc me (de me G) faciam DGL p Prisc. ; me nunc faciam CP; de
chol. L, Ev $\eta$.
nec quidem me: so or nee quid eme or nec (ne) quidem de me or nec me quidem codd. 615 aliquid iam. . .me inueniurum: aliquid me inuled by erasure it may have read esse.
iam me inu. E. Unless the gap in the papyrus was fulled by erasure it may have
616 oh: so edd. ; ohe codd. (om. $\mathrm{p}^{1}$, eho E).
tuis consilits: so codd.; consiliis tuis most edd.
618 ego credam: so Don. (lem.) ; ego ut credam codd., edd.
619 siem: so codd.; sim most edd.
621 esse hoc futurum: so CPDL p v $\eta$, edd. ; esse futurum hoc E ; hoc fulurum esse G ; hoc futurum Don, (lem.) Eugr. (lem.).
 627-8 gaudeant . . . comparent: so CP ${ }^{1}$ Don.; t comparet').

629 id est uerum: idne est uerum codd., edd. ${ }^{1}$.
630 paulum: om. ${ }^{1}{ }^{1} \mathrm{P}^{1}$, pon.; tempus est (-pust) all other MSS.
632 se aperiunt if not omitted altogether after necessario must have been written above the line.

633 res cos premil: res premit (cogil P) CP v Don. (AB) ; res premit cos G p E $\eta$; res cogit cos DL Don. (V).
denegant: denegare codd., Don
636 fides est: so DGL; fides CP p Ev $\eta$, edd
637 ubi opus est: so codd.; ubi opus edd
639 adeamne: so or adeon(e) codd.
647 Hon: Honne codd.
salis: salis esse CP p Ev $\eta$; sal esse DGL.
solidum uisum: so DGL p; uisum solidum CPE v $\eta$.
650 suis consiliis mihi : mihi suis consiliis Don. (lem,),
confecil: 'legitur et conflavit' Don.
652 . . s, $t$ : haud codd.
653 allercasli: 'legitur et altercatus es' Don.
odd., edd.
656 hae: 'legitur et haec nuptiae' Don.
657 ut ducerem: dare codd., Eugr.; cf. 654 ut duceres
66 I ducturum: so p, Don. (lem.); esse ducturum all other MSS. The space available shows that papyrus did not read esse.
604 deos salis scio fuisse iralos: so $\mathrm{CP} \mathrm{p} \mathrm{Ev} \eta$; deosf. ir. salis scio DGL ; deos fuisse iratos (cett, om.) Don. (lem.) (d. s. s. f. i. T).
ai ausculauerim: so CPD $\eta$; qui ei ausc. L p Ev; qui ausc. ei G.
65 hoc est: so codd. except P (est hoc).
o scelus: so (oh) L p ; scelus all other MSS., edd.
perge :: tum is : so codd. (is om, to Chremes codd.
927 There is space for (is om. GV); perge tu $:$ : is Bentley.
with DLI.
.
sese esse Atlicum: so A GLV ; se civem esse Alticum D P; sese Alticum esse CPE v
928 is here, as in codd. Not attached to 927 .
${ }^{\text {tibi, which modern editors have rejected in favour of various other arranfirms Bentley's deletion of }}$ 928-9 The papyrus gives nomen . . . hem to Crito, perii to one of the inerts.
hercle again to Crito. A gives all to Crito but has clearly lost at least one speaker's mand verum repeats CR before verum. A and 'sunt qui' in Donatus give hem to Simo. $A^{2}$ and Donatus give perii to Pamphilus, Donatus allowing that it may belong to Chremes. The Calliopians, according to J. Andrieu, Les sigles de personnages, Paris 1940, P. 15, give hem perii to Chremes (but P hem only to Chremes, perii to Simo), the rest to Crito.

929 certe: so GV; cerio all other MSS
930 Chreme: so also 946. The MSS. here and elsewhere are divided between C'hreme and Chremes.
931 Added in upper margin by the corrector
933 The papyrus omits Crito's (Simo's A) quid ais before Simo's (Pamphilus' A) quid tu ais.
934 ille: so $\Sigma$; illic A.
34 ille: so 2 ; illic A .
335 sequens: persequens codd., Don.
space ${ }^{936}$ jilla: postilla $\mathrm{A}^{2} \Sigma$; posilla $\mathrm{A}^{1}$. The letter before illa apparently was not $t$ (perhaps $s$ ), and the appears too long for post alone; the point after it may have been inserted in error
37 commotus: commotus est codd.
938 multis
939 multis modis: so $\Sigma$, Don., Eugr.; multimodis A.
942 aliquid: aliud codd.
43 ego: egon A: egone $\Sigma$.
944 egomet: so DGL p VE; ego ACP v.

945 [heus (apparently): so A; non paliar heus $\Sigma$
The papyrus gives ipsa est to Chremes and ea est to Crito; so AD ${ }^{1 L}$; the other MSS. reverse this. 946 Chreme: cf. 930.
957 seq. putet in 958: so G. Hermann; me (om. V) putet/non (non in lac. A) codd. For the restoration needed in 957 only Hermann's aliquis me forsitan (a. $f$. me codd.) now seems to qualify.

959 deorum vilam: so A (? ego deor in lac.) DGL $p$ V Servius; vilam deorum CPE v $\epsilon$
g6i parta est: so A (? partast in lac.) CPLE v $\epsilon$; parata est DG $\mathrm{p} V$.
962 seq. Charinus' interjection (speaker not marked here; assigned either to Charinus or to Davus by Donatus) and the subsequent speaker's notation $P A$ are placed in 963 by codd., 962 ending in dari.

962 optem: so AL ${ }^{1}$ Eugr. (lem.) ; exoptem cett. codd.
mihi : written here above the line after optem, read after ego in Ap V (so edd.), after potissimum in CPE y $\epsilon$, after quem in $G$; $L$ and Eugr. (lem.) omit it.

963 enarrem: not certain; narrem codd.
964 In beginning a new scene after this line the papyrus agrees with $\delta$ and Don. against ACPE. 968 tu : om. $\mathrm{A}^{1}$.
969 Glycerium mea: so A; mea Glycerium $\Sigma$.
factum: so AGLV; o factum CPD P E v.
97 x est so $\mathrm{v}^{2}$ : est cett codd mora est v ); morast ulla A .
di diligant: so (dii) V (? Marouzeau; Linds.-K. do not record it) ; diligant di cett. codd. (dii A; om. C ${ }^{2}$ ).

974 conloquar: so A P; adibo et conloquar cett. codd. (-quor Div1 $)$.
quis est? o Charine: quis (qui G) homost? o Charine codd.; edd, omit o
975 aud.: so AD p ; hem ( $\mathrm{em} \mathrm{C}^{1 \mathrm{P}}$ ) aud. cett. codd. There is no indication of a change of speaker in the papyrus after factum or before omnia. The papyrus may be presumed to have read audistin: so codd.; auldisti edd.

976 In all major MSS. this line is followed by five more, which conclude the play by announcing that Philumena will be betrothed to Charinus behind the scenes. While the first of these lines tallies with the papyrus as far as it goes, the following two are altogether different. Donatus and Eugraphius, on the other hand, were aware of an alternative and fuller ending inserted after v. 976 , in which the
betrothal was made by Chremes on the stage. This scene is preserved in some late MSS. and seems betrothal was made by Chremes on the stage. This scene its present form be identified with the version of the papyrus, since it begins PA te exspectabam, and since, further, the appearance of Chremes would be marked by a change of scene. Ritschl, however (Parerga, pp. 598 seq.), saw that, to make it possible for a new scene to begin with te exspectabam, Charinus' ( ${ }^{\prime 76 \text { ) facturum quae voles scio esse omnia, and Pamphilus' reply promising his assistance }}$ must have been followed by the announcement of Chremes' entry, and by some remark explaining why at the beginning of the new scene Chremes converses with Pamphilus alone, at some distance from Charinus and Davus. Ritschl therefore restored

CH tuus nunc est Chremes: facturum quae voles scio esse omnia.
PA memini: atque adeo ut volui commodum huc senex exit foras
secede illuc aliquantisper. $\quad C H$ Dave, sequere hac me. $D A$ sequor.
A suppiement on these lines can readily be made to square with the remnants of the papyrus by ssuming for v. 977 a version similar to Ritschl's, for v. 978 a final brief appeal by Charinus followed by Pamphilus' command to him to stand back, and for v. 979 a statement by Charinus that he would isten from a distance, and perhaps an order to Davus to retire with him. Line 979 would then have been followed by the designation of a new scene and the alternative ending as read in the late MSS.
${ }^{1}$ For the attestation of this scene see Rhein. Mus. yoo (1957), pp. 53 seqq.. A third ending, in nay here be disregarded.
2402. Aristotle, Ethica Nicomachea vi

Fr. i $4.5 \times 6 \mathrm{~cm}$.; fr. ii $4 \times 6 \mathrm{~cm}$. Middle second century. Plate
These two fragments of Aristotle's Ethics both preserve the left-hand side of a column and a portion of its margin. But there is no reason to suppose they are parts of the same column, and that the text is therefore an abbreviated version. The hand is a medium-sized, neat, informal round capital. It sometimes has two distinct forms for single letters, a more or less formal triangular $a$, for example, side by side with a quickly made rounded type. Its general style can be paralleled from several dated documents, e.g. from the Gnomon of the Idios Logos, or P. Graec. Berolinenses 22 a and $b$, and it is probably to be assigned to the early or middle second century. There is no punctuation and there are no accents, but a possible critical sign is found at one point. Iota adscript was not written.

Aristotle's philosophical writings have so far been sparsely represented in papyri. Extant works have been identified to date only in a fragment of the Analytica Posteriora of the sixth or seventh century (Philologus 44 (r885) 21-29), and in one of the Historia Animalium of the second century (P. Reinach ii 80). 666, also second century, is assigned to the lost Protrepticus, and a few other pieces (see Pack's list) may be Aristotelian. The new evidence of 2402 and 2403 is therefore particularly welcome.

2402 though not without faults, offers a good text, and one substantially in agreement with that of the medieval codices. It lends no support to the theory of frequent interpolation. In conformity with general experience, the papyrus does not consistently agree with any single codex or family. Two codices have been particularly singled out since Bekker, $\mathrm{K}^{\mathrm{b}}$ (Laurentianus 8x. Ir, roth cent.) and Lb (Parisiensis 1854, r2th-I 3 th cent.); 2402 is twice in agreement with $\mathrm{L}^{\mathrm{b}}$, once refuses to follow $\mathrm{L}^{\mathrm{b}}$ in an idiosyncratic reading of the latter; and once it disagrees with all the codices and is probably in error. On one well-known difficulty its testimony would have been invaluable had an additional line been preserved.

## Fr. i


$[a \mu \alpha \delta] \epsilon \kappa \alpha \iota \omega \rho \iota \sigma \tau a[\iota \eta \delta \eta \eta \pi a \nu$ ov]


$5 \pi \epsilon \tau a \iota a[v\rceil] \eta \gamma a \rho[0] \cup \pi \omega$ [фабוs каи үap]



$\zeta \eta \tau \epsilon \iota \tau \iota$ кац $\lambda о \gamma\left[\left\lfloor\zeta \epsilon \tau \alpha \iota a \lambda \lambda\right.\right.$ ор $\theta_{0}$ ]
10 $\tau \eta s \tau \iota s \in \sigma \tau \iota \nu[\eta$ $\eta v \beta o v \lambda \iota a \quad \beta o v \lambda \eta s$ ]

$\tau \iota \kappa \alpha \iota \pi \epsilon \rho\left[\iota \tau \iota \epsilon \pi \epsilon \iota \delta \eta{ }^{\circ} \rho \rho \theta 0\right]$
ग $\eta$ S [

Fr. ii
o[



$\kappa \alpha \iota \tau \eta \nu \eta \theta_{\iota} \kappa \eta \nu a p[\epsilon \tau \eta \nu \eta \mu \nu \nu]$


[ $\tau$ ]ovtov тov $\delta \in \tau \epsilon \tau a \rho[$ Tov $\mu \circ \rho\llcorner v$ ]
[ $\tau] \eta s \psi \nu \chi \eta s$ ovk $\epsilon \sigma \tau[[\nu \nu \alpha \rho \epsilon \tau \eta]$

$[\delta \epsilon] y$ रap $\epsilon \pi$ av $\tau \omega \pi \rho a[\tau \tau \epsilon \nu \nu]$
$\left.{ }_{25} \quad[\mu \eta] \pi p \mathrm{p}[\tau \tau]\right]_{[ }^{[\nu}$
3 didà $\mu \grave{̀} \nu$. . . фáats, secl. Giphanius, Rassow

II $\delta$ ò $\eta$ ह Bovi $\dot{\eta}$, codd., a superior reading since Aristotle appears to use the definite article with
an abstract noun when it is subject，and it is not his practice to reinforce $\delta t o$ with $\delta \eta$（no example of this association is quoted in Denniston，Greek Particles，and the only instance traced in Aristotle is this association is quoted in Denniston，Greek Pariccles，and the only instance trac

Rassow deletes $\delta \omega^{\circ}-\pi \epsilon p i$
 might also be read as $\&$ or $\sigma$ ．
 The papyrus has minute traces only in 1 ． 15 ．The second letter has a turned－up serif which suits only $t$（or just possibly $\nu$ ），the fourth letter is certainly not $\omega . \kappa] a!\tau \hat{\omega}[$ cannot be read．After $k a[$ ，to judge

 might account for the corruptions and the variants．
${ }_{7}$ Possibly the mark over $\lambda$ ，represented as a $\beta$ ，has some critical significance．


## 2403．Aristotle，Categoriae

Fr．i height 18.5 cm ．
Early third century．
Four fragments from a roll containing Aristotle＇s Categories，written in a common type of angular upright hand，to be assigned to the early third century A．D．The scribe does not write iota adscript．For punctuation he uses the high stop，normally copied simultaneously with the text but once（1．30）inserted later，the paragraphus， and the double dot（section ending 1．26），inserts an apostrophe between double mutes（ тvy＇xave 1 l．23），uses a superior line as contraction mark for final $\nu$（ $\tau v \phi \lambda_{0}{ }^{-}$ ${ }^{1}$ ． 3 x ），and does not admit a number of cases of hiatus which are tolerated in the vul－ gate（1． 22 avrau $\delta$ ouk；I． 45 ［ $\delta \eta \lambda o \nu] \delta$ otu）．

The papyrus offers an excellent text．It has two readings not found in medieval codices or（to judge from Minio－Paluello＇s apparatus in his Oxford edition）in the commentators and versions，both of them probably right．Once it agrees with the Latin and Syrian versions against the Greek codices in an omission．Between＇the two codices on which Minio－Paluello founds his edition， n （ $=$ Ambrosianus L 93 of the ninth century）and B（＝Marcianus 2oI，tenth century），the papyrus distributes its agreements impartially．It agrees in superior readings four times with n ，three times with B．The papyrus offers no support to Minio－Paluello＇s hypothesis of a lacuna at the end of section ir a，nor to his proposed transposition of mbr－8．In general the papyrus confirms the soundness of the medieval tradition．

Manuscript evidence is reported from the apparatus of Th．Waitz，Aristotelis Organon Graece（Leipzig，1844）when not cited by Minio－Paluello．

2403．ARISTOTLE，CATEGORIAE

 $\tau]!\kappa \eta$ ov $\lambda_{\epsilon \gamma \epsilon \tau \alpha[\imath ~ т เ \nu о s ~ \gamma \rho a \mu \mu ん ~}$ $\tau] \iota \kappa \eta^{\circ}$ ovб $\eta$ بю $\sigma]_{!} \boldsymbol{\eta} \cdot a \lambda \lambda[$ єь ара ката то $\gamma є \nu о s$
 $\eta \gamma \rho а \mu \mu \alpha[\tau \iota к \eta$ дєүєтац тเขоs $\epsilon] \pi \iota \sigma \tau \eta \mu[\eta$ ov］$\tau \iota \varphi[$ os $\gamma \rho a \mu \mu a \tau \iota$ $\kappa] \eta \cdot \kappa a[\iota \eta \mu \circ]$ vбルк $\tau[$ เvos $\epsilon \pi \iota$ $\sigma] \tau \eta \mu \eta[$ ov $\tau \iota]$ yos $\mu[$ ovaルк $\eta$ ． $\omega \sigma]_{\tau} \in \alpha \iota \kappa[a \theta$ єк］$\alpha \sigma \tau a[0 u \kappa \in \iota \sigma \iota \tau \omega \nu$ $\pi \rho]$ os $\tau \iota \cdot \lambda \in[\gamma \sigma \mu \epsilon] 0 a$ © $\delta \in[$ molot tals ка］！єкаота［• таv］таร $\gamma[$［ар каи єХо
 $\theta a \tau \omega \in \chi \in![\tau] \ldots \nu \kappa \alpha \theta \in[\kappa \alpha \sigma \tau \alpha \in \pi \iota$ $\sigma \tau \eta \mu \omega \nu \tau[\iota \nu] a \cdot \omega \sigma \tau \epsilon[\alpha \nu \tau a \iota a \nu$
 каота• каӨ абтєр каи тоюь $\lambda_{\epsilon \gamma[0}$
 $\tau] \iota \cdot$ єт८ єь тv$\gamma^{\prime} \chi$ Хаขє таขто ка८
 тотор єข а дфатєрогs тогs $\gamma \epsilon$ $\nu \in \sigma \iota \nu$ ачто катарь $\theta \mu \in \iota \sigma \theta a \iota:$ $\epsilon \pi \iota \delta \in \chi \in \tau a l$ бє каи то тоєєь

## Fr． 2

ov $\delta \epsilon \tau \epsilon \rho]$ ov a $\lambda \eta \theta \epsilon \xi^{\prime}$.
13b21
30
оитоs $\delta \epsilon$ очк $\alpha \epsilon \iota \quad a \lambda] \eta \theta \epsilon s^{*}$ то $\gamma \alpha \rho$ о $\psi \iota \nu \in \chi \in \iota \nu \Sigma \omega \kappa \rho a \tau] \eta \tau \omega \tau v \phi \lambda 0^{-}$

 $\gamma \epsilon$ оик ауаүкаьоу 0］атєрор алך
 $\pi \omega \pi \epsilon ф \cup к \epsilon \nu \epsilon \chi \epsilon \iota \nu$ ］а $\mu ф о \tau \epsilon$
 $\Sigma$ гкратоиs ка．оvт］$] \psi \in v \delta \eta$ а $\mu$ фотєра кац то офเข av］тоу［ $\epsilon \chi] \xi!\varphi$ кає то тифло⿱ єьvaı ］．［

## Fr． 3

$\tau]$ оข єтєрои［ $\tau \omega \nu$ єขаขтє ovtos］каи то 入oıт［ov єtval ovtos үар тоv］$\Sigma \omega \kappa \rho \alpha \tau \eta$［ขүレаเขєєข оик $\alpha \nu]$ єьך то ขоб［єь $\Sigma \omega к \rho а т \eta$ ． $\delta \eta \lambda o \nu] \delta$ от！ка！$[\pi \in \rho \iota$

Fr． 4 （unplaced）
］ro［
］$\delta_{\epsilon \tau}[$ ］$\in \nu_{\rho}[$
 preceding and following lines．

9 aviral：B，Armenian and P Syriac versions have aữal tûע $\pi$ pós $\tau$ ．
 there is no room in the papyrus．It is noticeable，however，that this line consists of only nineteen letters，shorter than the average

14 ai omitted by n ．
Id Syriac version．

more，not wanted here to denote the category of date and otherwise meaningless．Possibly the error is due to misunderstanding of an abbreviation（ $\pi$ ）． 22 There are offsets of ink above this line．
 avio $\pi \rho 0$ s mony for the first kal found in the paprus． mony for the first kal found in the papyrus．

25 rois yeveat aüro：the order is altered to aủrò zoîs yevearv in Cg ．Armenian and Latin versions．

28 kai тo тáaxelv，with the papyrus B，Olympiodorus，and v．l．in Ammonius，Philoponus，Sim－ ．Thers kai $\pi a ́ \sigma x \epsilon v$.
but

 37 Either 8$]$ è as $n$ or $\tau]$ ］as $B$ ．


2404．Aeschines，In Ctesiphontem 51－53

## Height 22 cm ．

## Second century．Plate．

Thisfragment which preserves two columns of Aeschines＇speech Against Ctesiphon was a handsome manuscript，distinguished by broad upper and lower margins and intercolumnar spaces，and by the bold calligraphy of its handwriting．The scribe， identified not only by his general style but by his characteristic square omega and three－stroked $\mu$ with the writer of the Erinna papyrus PSI rogo and of the Boeotian lyric verse published in 2373 ，I should assign to the second century A．D．He writes iota adscript regularly．The single accent（1．52）may be the work of the first hand，but is more probably an addition by the second，who inserted the stops，a high stop to divide cola（e．g．ll．40，43，44），a high stop in conjunction with a paragraphus（e．g． ll． 36,50 ）to mark the close of a period，and once（l．17）a stop in the low position with the effect of a comma．The second hand not only revised the text for errors but collated its readings with an exemplar different from that from which it was copied．

The text，which is free from the vagaries of the medieval codices，is of interest for two variants from their tradition（11． $7,44-47$ ）．In the second of these，at a place where the text had not even been suspected，there are two alternative readings，both superior to that of the manuscript tradition，no doubt both deriving from different ancient editions．A transposition made by Cobet is confirmed（1．48）．The papyrus is as tolerant of hiatus（1． $22 \mathrm{n} ., 1.3^{8}$ ）as the manuscripts，and lends no support to the excisions or conjectures of Weidner．In its superiority over the medieval codices 2404 is in conformity with the general conclusion elicited from an examination of the papyri of Aeschines in the introduction to 1625 （cf．also the preface to V．Martin＇s Budé edition，$i$ ，pp．vii seqq．）．It is the fifteenth papyrus text of Aeschines to be known（ten are enumerated in R．A．Pack，The Graeco－Roman Literary Texts from Egypt nos．3－12；additional pieces are P．Fouad Inv．222，published by M．－Th，Lenger， Mél．Joseph Hombert，p． 87 （c．Tim．53－54）；P．Erlangen II，identified by A．Oguse， Chron．d＇Ég． 27 （1952），pp． 393 seqq．as F．L． 153 ；P．Hamb． 165 （In Ctes．194－200）；a fourteenth，in the possession of D．M．Robinson，is to be published by W．H．Willis）．${ }^{\text {I }}$
${ }^{1}$ See TAPA 86 （1955）pp．129－134．
$\epsilon \pi i] \tau a \mu \eta[\nu \cdot \eta \tau a$ $\pi \in \rho]!\tau \eta \nu K \eta[\phi\llcorner\sigma \circ-$ סoт］ov $\sigma \tau \rho a \tau[\eta \gamma \iota$ $a \nu \kappa] a \mu \tau 0 \nu \tau \omega[\nu \nu \epsilon-$
$5 \omega \nu$ ］єктлоup［Tov $\epsilon \iota 5$ ］$\overline{\lambda \lambda \eta \sigma \pi \rho![y \tau o \nu}$ $\sigma \tau] \epsilon^{\circ} \epsilon \tau s \nu[\tau \omega \nu$ $\tau] \rho \iota \eta \rho \alpha[\rho] \chi\left[\omega \nu \Delta \eta_{-}\right.$ $\mu \sigma \sigma] \theta \epsilon \nu \eta$ к $[a \iota \pi \epsilon-$
Io play］$\omega \nu$ тov $\sigma[\tau p a \tau \eta-$ زоע $\epsilon] \pi \iota \tau \eta s, \varphi[\epsilon \omega s$ кає］бuvaıт $\omega$［ ккаи $\sigma v] p \theta_{v \omega v} \kappa a[\iota \sigma v-$ $\sigma \pi]] \omega \delta \omega v^{*} \kappa[\alpha \iota$ тоv－
$15 \tau \omega] \nu a \xi \omega \omega \theta \in[\iota S \delta a$
то］$\pi а \tau \rho \iota к о s ~ a[v \tau \omega \iota$ $\phi c] \lambda \frac{s}{\epsilon} \epsilon \nu a \iota$ ．o［vк $\omega-$ $\kappa \nu] \eta \sigma \epsilon \nu a \pi \in[\omega a \gamma \gamma \epsilon-$ $\left.\gamma \in \lambda_{l}\right]$ as $a[v]$ Tov $[\kappa \rho L-$
 $\nu \alpha]$ тоv катท［үороs $\gamma \epsilon-$ $\nu \epsilon] \sigma \theta a \iota \cdot \kappa a[\iota ~ \tau а \nu \tau \alpha$ $\eta \delta] \eta$ та $\pi \epsilon \rho[\iota M \iota \delta \iota-$
$\alpha \nu]$ кає тоv［s кои－
$25 \delta v \lambda]$ ous ous $\in[\lambda a \beta \in \nu$
$\epsilon \nu]$ т $\eta \iota$ орх［ךбтра $\iota$ $\chi o] p \eta \gamma o s \omega \%[\kappa a, \omega s$


Col．ii
［триакоута $\mu \nu \omega \nu$ ］
 тоע טßpı кає т $\tau \nu$ тои $\delta \eta \mu$ киатахєь－
 テois オlovvaiols ка－
35 тєХєьротоуךпє Miঠьov таụта $\mu \epsilon$ －оv $\mu \circ$ бокш каи та а入入а та тоитоьs оноเа $\cup \pi[\epsilon] \rho \beta \eta \sigma \epsilon-$
 v $\mu$ аs ошбє тор аүш＂ va катахар！לорє－ $\nu_{0}{ }^{\circ}$ а $\alpha \lambda$ єкєсขо фо－ Bounevos－$\mu \eta^{\text {TrS }}$ مol
45 тар vриข алаутท－

 $a \lambda \eta \theta \eta \mu \in \nu \lambda \epsilon \gamma \epsilon \iota \nu$ apxaia $\delta \epsilon$ кан $\lambda[\epsilon]$ ！av
5о онодојоицєра． каитоь $\omega K_{\tau \eta \sigma \text {－}}$ фผע о́тші та $\mu \varepsilon \gamma \iota-$ ฮта $\tau \omega \nu$ аルо $\chi \omega \nu$ 0 UT $\pi T W$

55 каи $\gamma \nu \omega \rho ц \mu$ тоьs
akovovatp wote
$2 \pi \grave{\nu}$ om． n ．


$8[\Delta \eta \mu \circ \sigma]$ évrns as in dfabim．Del．Weidner．


12 สuvolt⿳亠丷⿵冂⿱八乂：

I4 к[ai тoúr $\boldsymbol{\omega}] \boldsymbol{y}$ : кai del. Halm, Weidner ${ }^{3}$.
16 пarpıóóv Laur. 60. 4. aủrûv ekld f.
22 кa[i тaû̃a $\eta \delta]$ : since the line would not be divided raur|a and two complete letters are equired before $7 \boldsymbol{\eta}$, the papyrus is likely to have had the same hiatus as appears in $\mathrm{d} f$ a b m . taû̃ ${ }^{\circ}$


27 [kai ws ws; кai om. g Laur. 57. 45.
first hand corrected his own error, but the second confirmed the correction with a supralinear o. The end of the line seems to have been left blank.

34 Ltavíoou codd.
 Vat. 64). This reading probably originated in the omission of a complete line from the first version in the papyrus, by homoeoteleuton from the $\tau$ of $\sigma \pi /$ before $\tau$ in 1.46 to the $t$ of kat before $\tau$ in 1.47 . This first reading appears to mean "lest I be greeted on your part by some such thing as the impression of telling the truth but ...', as if $\pi \iota$ тoooûrov oion or wis кai stood in the Greek. For Aeschines' use of


 §óg $\omega$ кг入, àmavrâv गapà is much better suited with a concrete subject $\theta$ ópußos, and the construction


aing $\mu \hat{\mu} v$ : this palmary transposition, confirmed by the papyrus, is due to Cobet.
52 ӧтur: so dfabm, $\Sigma$, Blass; öтои Weidner; öтou or èv öтч, Scheibe.
54 oữ $\omega$ om.ekldf.
56 ※̈re: so e k Laur. 57.45 ; ẃs a b m l.

$$
30 \times 28.7 \mathrm{~cm} .
$$

Second to third century
Remains of five columns written in a plain, ugly backward-sloping documentary hand on papyrus of very poor quality. A rather full word list covering Iliad i 58-128; for this type of text, see A. Calderini, Aegyptus ii 303 seqq. ; C. H. Roberts on P. Rylands $53^{6}$ (vol. iii, p. 177) ; P. Collart in Mazon, Introduction à l'Iliade, p. 6r. Calderini's conclusions about the relation of such texts from Egypt to the Scholia Minora sive Didymi, the Paraphrase of the Iliad, and the Lexicon Homericum of Apollonius Sophistes are further confirmed by the present text, which is doubtless, like others of its kind, a product of the schoolroom. The orthography is bad and corrections are frequent. The verso is blank

The numbers in brackets represent the lines of the Homeric text. In the commentary the following abbreviations are used: $\mathrm{D}=$ Scholia Minora sive Didymi, Aldus, Venice ${ }_{152 I} ; \mathrm{Pa}=$ Paraphrase of the Iliad, printed as an appendix to Bekker's

Scholia in Homeri Iliadem, Leipzig 1827 ; Ap $=$ Apollonius Sophistes, Lexicon Homericum, ed. Bekker, Berlin 1833 ; Schol. A $=$ Scholia on Venetus 454, ed. Dindorf, Oxford 1875 ; Schol. $B=$ on Venetus 453 , ibid. 1877 ; Schol. L $=$ L. Bachmann, Schol. in Hom. Il., Leipzig 1835; Schol. T = E. Maass, Schol. gr. in Hom. Il. Townleyana, Oxford 1877/8; Eust. = Comm. in Hom. Leipzig 1825/30 (vol. i cited by page and line).

EXTANT CLASSICAL AUTHORS

| (68) |  | $\begin{gathered} \text { ii } \\ {[r o], a \iota} \end{gathered}$ | toutots |
| :---: | :---: | :---: | :---: |
| (69) |  |  | op'v' ${ }^{\prime}$ Oo- |
| [ $\sigma \kappa 0$ ] ${ }_{\text {¢ }} \omega \nu$ |  |  |  |
| (69) | 30 | I. ${ }^{\text {I }}$ Ix apıotos | $\epsilon \xi$ ¢¢ ${ }^{\text {c }}$ |
|  |  | aptatos | ¢¢0xos |
| (70) |  | $\eta \delta \eta$ | $\eta \delta \epsilon t$ |
| (70) |  | та $\tau$ єоита | $\tau \alpha$ оут $\alpha$ |
| (70) |  | $\pi \rho о$ т $\epsilon \frac{\nu \tau \alpha}{}$ |  |
|  | 35 | $\nu^{\sim} \mu \boldsymbol{\mu} \boldsymbol{\sim}$ |  |
| (71) |  | түךоато | oठп7os є- |
|  | $\gamma \in v \in \tau$ |  |  |
| (71) |  | Eldoo tow | eis Eidoon |
| (72) |  | $\eta[$. $]$ | т $\dagger$ ¢ аurov |
| (72) | 40 | маитобrvn | $\mu a \nu \tau[E] \sim$ |
|  | av |  |  |
| (72) |  | 9 | аитшь |
| (72) |  | торє | $\epsilon \delta \omega \kappa \in \nu$ |
| (73) |  | $[\sigma] \phi \nu$ | avtots |
| (73) | 45 | [ $\varepsilon v$ ] | $\kappa_{\text {кал }}{ }^{\text {c }}$ |
| (73) |  | [ $\phi \rho \circ$ ] ${ }^{\text {c }} \boldsymbol{\epsilon} \boldsymbol{\omega}$ | $\phi \rho о \nu \omega \nu$ |
| (73) |  | [aүopпо]aто | $\epsilon \xi \epsilon \kappa \lambda \eta \sigma \tau \alpha \sigma \alpha-$ |
|  | то |  |  |
| (73) |  | $[\mu \epsilon \tau] \epsilon \epsilon \in \pi \in \nu$ | $\mu \epsilon \tau \epsilon เ \pi \epsilon \nu$ |
| (74) | 50 | [ $\kappa \in \lambda \lambda \epsilon]$ ] |  |
| (74) |  |  | $\epsilon \epsilon \pi \epsilon \nu$ |
| (75) |  | [ $\kappa \kappa \alpha \tau] \eta \beta \in \lambda \epsilon \tau \alpha 0$ | Togọtov |
| (76) |  | [ 701 ] | -oı |
| (75) |  | [ $\alpha \downarrow$ ]aктоs |  |
| (76) | 55 | [ $¢ ¢ \in]$ ] | $\epsilon \rho \omega$ |
| (76) |  | $[\nabla v] \nu \theta \in \%$ | ouvoov |
| (77) |  | $[\eta] \mu \eta \nu$ | каı $\mu \eta \nu$ |
| (77) |  | [ $\pi$ ][¢офр ${ }^{\text {d }}$ | $\pi \rho \circ \nu[$ ouv ?] |
| (77) |  | $[E] \pi \in \sigma \iota \nu$ | 入oyous |

2405. GLOSSARY TO HOMER, ILIAD I

## EXTANT CLASSICAL AUTHORS

go Bapetas toxupa[s]

$\kappa[. . \square]$
ทัסa eוлєv
аноишу $a[\gamma] a\left[\theta_{0}\right.$
95 ov Tap [o]ute
тоvєєка точточ $[x a-]$ $\rho \nu \nu$
$\pi \rho \nu \nu$
т $о о т є \rho о \nu$
$\epsilon \lambda \kappa \omega \pi \kappa \delta a$ $\epsilon v o[\phi \theta a \lambda-]$
100
$\mu \nu$
(98) $\delta$ о $\mu \boldsymbol{\omega} \quad \delta o u r[a u]$
(98) коир (99) кор

атрцатŋン avєv $\pi \rho a \sigma \epsilon \omega$

105
avaтotyㅍū]
avev $\grave{\lambda p-}$
$\tau \rho \omega$
(99) $\quad$ t $¢ \rho \eta \nu \quad \mu \epsilon \gamma a \lambda \eta \nu$
 банешо!



 first; the writer then added $\beta \lambda \epsilon \pi \%$ as best he could 9 seq. l. $\varepsilon \pi \epsilon v \in \gamma \xi \epsilon \in$ ? 94 l. a $a \nu \mu \omega v$; in following word traces perhaps suit a $\gamma$ atos best; see commentary коурпр; корпр 109 1. тentiotuep

|  |  | iv |  |
| :---: | :---: | :---: | :---: |
| (IOI) |  | [тow | tov ${ }_{\text {dois }}$ |
| (102) |  |  | $\mu \epsilon \gamma a \lambda \eta s$ |
|  |  | ]... [ $\kappa]_{\rho}[\alpha \tau] \omega \nu$ |  |
| (103) | 135 | $[\alpha \chi \nu \sim \mu \epsilon] \nu 0 s$ | $\lambda ข \pi о \cup \mu \epsilon$ |
|  |  | yos |  |
| (103) |  | [ $\mu \in \nu \in 0]$ ] | opyns |

2405. GLOSSARY TO HOMER, ILIAD I


| （124） | 185 | 乡upmia | кuva |
| :---: | :---: | :---: | :---: |
| （124） |  | $\epsilon \llbracket \stackrel{\delta}{\sigma}] \mu \mu \mathcal{}$ | oíapev |
| （125） |  | то入ıш | $\pi \times \lambda \epsilon \omega \nu$ |
| （125） |  | $\epsilon \xi \in \pi \rho a \theta^{\prime} \mu \boldsymbol{\sim}$ | $\underline{\epsilon}[\xi] \leqslant \pi^{\prime} \circ^{\prime} \rho-$ |
|  | $\theta \eta \sigma а \mu е \nu$ |  |  |
| （125） |  | $\tau \alpha$ | таuтa |
| （125） |  | $\delta \in \delta a \sigma \tau a b$ | ［ $\mu \in \mu$ єриттаl］ |
| （126） | 190 | єтєєькє | $\pi \rho[\epsilon \pi \epsilon \ell]$ |
| （126） |  | тали入loya | $\pi a\left[\lambda^{\prime} \sigma u \lambda \lambda_{\text {eкcta }}\right]$ |
| （126） |  | ¢пауєє $¢$ | ovp［atpotSct（v？）］ |
| （127） |  | $\tau \eta \nu \delta \epsilon$ | $\tau \alpha u[T \eta \nu]$ |
| （127） |  | $\pi \operatorname{ross}^{\prime}$ | $\pi \rho \circ[\pi \epsilon \mu \psi \alpha \nu]$ |
| （128） | 195 | $\tau \rho \iota \pi \lambda \eta$ | $\tau \rho[\iota \pi \lambda a \sigma \iota \nu \alpha]$ |
| （128） |  | $\tau \epsilon \tau \rho a \pi \lambda \eta$ | T［eтpam入aowova］ |


 I Supplied from Pa ．
I Supplied from Pa．
3 Cf．D Pa．
4 So D Pa，Eust．i，p．4I，1． 33 ．
${ }_{5} \mathrm{So} \mathrm{Pa}$ ．
6 seq．Sim．D Pa．
8 Cf．D Ap．
9 So D Pa．
to seq．So Ap；sim．Pa；cf．D on $1 l$ ． i 43 ．
I2 єc．$\tau$ ］ap：probably so understood（rather than $\epsilon i^{\prime \prime} \gamma^{\prime}{ }^{\prime} \mu^{\prime}$ ）by the writer here，as in Schol．A．
Similarly ov tap in 95，below；see also I80．On tap see LSJ，s．v．，with references there．D Pa eire $\delta \%$ ．
${ }^{13}$ oviros（alone） D Pa
4 So D Pa．
5 seq．So Pa；cf． 22 seq．，below
7 So D Pa．
I8 seqq．Here，as perhaps in P．Ryl．536，32－34，on which see the editor＇s note，p． 178 ，a line inter－

Il．iv 102 ；ibid． 120 ；xxiii 864 ；ibid． 873

I So Ap．
24 Supplied from D Pa Ap；cf．Eust．i，p．43，1． 38.

of the column．
27 ėv roúrots Pa ．
28 seq ．So D Pa．




38 cis $\pi \lambda^{\prime}{ }^{\prime} I . \mathrm{D} \mathrm{Pa}$
39 So Pa .
${ }^{40-42 \mathrm{So} \mathrm{DPa}}$
$45 \mathrm{So} \mathrm{D} \mathrm{Pa} \mathrm{Ap}$.
46 So Pa .
50 So D Pa .
${ }_{51} \mathrm{SoD}$.

53 D Pa, Eust, i, p. $45,1.40$ evidently differ in not taking this as the pronoun; as Schol. B expressly says it is not.

54 So D Pa Ap.
60 So D Pa ; sim. Ap
60 So Do P ; sim.
$61 ; 63$ So D Pa.
64 So D Pa Ap.
65; 67 SoDPa .
68 Sim. D Pa.
69 So D Pa.
70 So D.
${ }^{71}$ So D Pa Ap.
$74 \mathrm{So} \mathrm{DPa}$.
75 seq. So Pa .
79 seq. So Pa, Schol. B; so, but with $\theta \epsilon \omega \bar{v}$, D ; sim. Ap, Eust. i, p. 48, I. 43
8 I On the incorrect form oiotas, see Schol. A. oibas: so Pa .


86 So D Pa.
${ }_{87} \mathrm{So} \mathrm{Pa;} \mathrm{cf}$.


93 So D Pa.

95 See n . on I2, above. Schol. B, T understood as oü tap. D Pa oüтe $\delta \eta$ 万.
97 So Schol. T.
$98 \mathrm{So} \mathrm{DPa}$.
99 seq. So Pa.
Ior Cf. D.
${ }_{102}$ C. . D Pa.
${ }^{103}$ So D Pa; cf. Ap.
${ }_{104} \mathrm{sec}$ For So Pa.
 agn., and others) cited in Ebeling, Lexicon Homericum, s.y ísoós
 ere.

109 тєєбоциә supplied from D Pa
IIo Indeterminate traces
112 Cf. 27.

II5 seq. So D Pa.

$120 \mathrm{So} \mathrm{DPaAp}$.
121 So D Pa; cf. Schol. B, Eust. i, p. 50, 1. 34 .
122 So D; sim. Pa.

126 seq. So D Pa.
128 So D.
129-1 3 I So D Pa.
133 So D.
${ }^{3} 34$ So D Pa
35 Restored from D Pa, but doubtful.

Sa Ap Ap.
143 So Ap;
145 seq. So D; cf. Eust. i, p. 52, 1. 46.

15 So D.
152 Cf. D Ap, Eust. i, p. 53, 1. ir f.
153 For supplement cr. D, and 70, above.
154 Supplied from D Pa.
${ }_{5} 57$ D Pa roûto alone ; but cf. I3.
${ }^{58} \mathrm{So} \mathrm{Pa}$.
159 So Ap. óдókג刀pos in this sense is familiar from private letters and the New Testament
16i So Pa.
${ }_{162}$ So D Pa Ap.
r63 So D Pa Ap; and cf. 7r, above.
${ }_{164} \mathrm{So}$ D Pa Ap.
165 D Pa т $ิ v$ ' $E$. ; cf. 65 , above.
${ }_{166} \mathrm{So} \mathrm{Pa}$.

68 So D.
169 Cf. D, Eust. i, P. 55, 1. I3.
173 So
14 For d̈rratrokpivectau with the meaning 'answer', see Bauer, Wb. z. N. T., s.v. It is not found

$175 \mathrm{Cf} . \mathrm{D}$.
${ }_{17} 8$ seq. So D Pa Ap.
I78 Seq. $\mathrm{So} \mathrm{D} \mathrm{Pa} \mathrm{Ap}$.
r 80 The correspondence with the MS. A is interesting; see LSJ s.v. тap ; Cobet, Misc. Crit.,
p. 315. D Pa read quíp.

183 D Pa: кovza $\chi \rho$
$185-\mathrm{I} 87$ So D Pa.
$88 \mathrm{So} \mathrm{Pa} \mathrm{Ap}$.
589 Supplied from D Pa
Igo So Pa.
190 So Pa.
$192 \mathrm{D} \mathrm{Pa} \mathrm{ė} \mathrm{\pi ıcuva} \mathrm{\theta poícerv}$,
$193 \mathrm{So} \mathrm{Pa}$.
194-196 So D Pa.

## DOCUMENTS OF THE ROMAN AND BYZANTINE PERIODS

2406. Ground-plan of a House $22.5 \times 13 \mathrm{~cm}$.

Seoond century. Plate
$*$


A ground-plan of a house is a novelty among Greek papyri. On the plan drawn on this papyrus, which to judge from the writing it bears should be assigned to the second century, walls are shown by two lines drawn in ink with the help of a rule, the intervening space being filled with a yellow colour wash, while open spaces are left for doors; designations are added and figures give measurements. The thickness assigned to the walls is graded according to their relative structural importance. It is of interest to contrast this ground-plan with the plans of Egyptian temples, tombs, and shrines of the Pharaonic period, in which, though the rooms are shown in section, doorways are drawn as if in perspective standing on their own baseline.

The detached house here shown is rectangular in shape, and has a rectangular extension in width at the end farthest from the door, which gives the building the
 entrance door, probably at the north end, gives access to what are probably three successive courtyards rather than rooms, the first of them being described as $\pi v \lambda(\omega \nu)$, the second as à àpeiov, the third being unnamed. In the second courtyard, immediately to the right of its entrance door, a further door named $\theta$ fípa кatay(aiov) leads down to the cellar; in the centre a rectangle completely enclosed by a double line is marked dBo人iok(os) and may perhaps represent the characteristic central water-tank or impluvium of an atrium-type house. From the lower side of this rectangle to the lower wall of the building six lines are drawn, one effect of which is to create an enclosed oblong chamber in the lower left-hand corner; the purpose of these lines is not clear, but it seems unlikely that they represent a staircase to an upper story. There is no description of the third court, where the lettering is concerned solely with measurements.

When this plan is compared with the ground-plans of houses revealed by excavation and with the terms for parts of houses occurring in the documents, its most surprising feature is seen to be its atrium. This term has not yet occurred in the papyri except in connexion with religious or public buildings. The central court of houses in the documents is styled ail $\mathrm{p}_{\text {oro }}$ which is not a translation of atrium but means a courtyard open to the sky; and such courtyards have been found not infrequently by excavators. In the atrium-type house, however, characteristic of Italy, the courtyard was roofed, and the central opening in the rafters was originally an outlet for smoke. It is to be noted that excavations have of necessity been confined to villages, and that Oxyrhynchus was a metropolis. Supposing the building shown in this plan stood in Oxyrhynchus, it might have been the house of a Roman citizen or a Romanized veteran ; less probably, for there is nothing else to connect it with public uses, it might even have been a public edifice. The designation $\pi u \lambda(\omega \dot{\nu})$ in any case makes it likely that the building is to be located somewhere in Egypt.

The arrangement of the writing in the right-hand courtyard suggests that north was on the left-hand side, south on the right, west at the foot, and east at the top of the sheet. In the diagram in P. Lille I north is marked at the right, east at the foot, etc. The measurements set out in this right-hand courtyard suggest that the single letters found elsewhere are also figures. If they are measurements, however, it is not easy to reconcile them with each other or to interpret them in absolute terms as dimensions of the building. $\delta=4$ under $\pi v \lambda(\omega \nu)$ applied to the distance between its parallel walls (the vertical lines on the plan), $\beta=2$ under j $\beta$ odior(os) applied to the distance between the two horizontallimits, and $\delta=4$, upside down under ä $\boldsymbol{\tau} \epsilon \hat{i}$ ov applied to the distance from the $\dot{3} \beta$ ohiok(os) wall to the exit door could be taken to be the same unit ; but it is not a unit that will fit the figure $\varepsilon \gamma^{\prime}=5 \frac{1}{3}$ of the horizontal measurements of the third courtyard, or the two $y^{\prime} \mathrm{s}=3$ (one in the $\pi v \lambda\left(\omega{ }^{\prime} \nu\right)$, one by the exit door from the atrium). In absolute terms, 4 or 5 cubits (presumably $\dot{e}^{\mu} \beta a \delta \kappa \kappa o i$ or
oikoтєбเкoi $\pi \eta \chi \epsilon i ̂ s$, cf. Luckhard, pp. 16-r9) seem absurdly small figures, both in themselves and compared with measurements in the papyri (e.g. P. Lond. 50, 7, vol. i, p. 49 , in which a house measures $21 \times 13$ cubits, its avi $\lambda \hat{\eta}^{4} \times I_{3}$ cubits). The first of these difficulties might be met by supposing that, in spite of appearances to the contrary, especially the graded thickness of the walls, the plan is not to scale, but such an explanation will not meet the second difficulty. A possible solution is that the plan was intended to illustrate a division of house property, that the single figures stand for fractions ( $\left(\frac{1}{4}, \frac{1}{3}\right)$, and the measurements are of portions allocated to an interested party. Among the $\delta$ cutpérecs of house-property (a recent list has been compiled by A. Calderini, Studi in onore $V$. Arangio-Ruiz iii 273 seqq.) houses are frequently mentioned as divided into thirds, quarters, fifths, etc. (e.g. P. Lond. 978 iii 232 seqq.). Sometimes the division is achieved by assigning different rooms to the parties, sometimes by measurement straight through the house (e.g. 503). If this explanation is correct, the plan was not an architect's drawing for the use of building workmen, but was intended to accompany other legal documents, even though none is known to be connected with it. The inadequacy of the plan as an architectural working drawing (e.g. the absence of room-divisions in the atrium, or an internal subdivision in the third courtyard) is also in favour of this view.

## Bibliography

General: F. Luckhard, Das Privathaus in ptol. und röm. Agypten (Giss. 19г4). A. R. Schütz, Der Typus des hellenistisch-dgyptischen Hauses in Anschluss an die Baubeschreibungen gr. Papyrusurkunden (Giss. 1936).
Extavations: A. E. R. Boak and E. E. Peterson, Karanis, Topographical and Architectural Report of Excavations during the Seasons 1924-8 (Ann Arbor 1931); A. E. R. Boak, Karanis, The Temples, Coin Hoards, Botanical and Zoological Reporis, Seasons 1934-3r (Ann Arbor 1933, cited eloor) pp. 385 seqq. (Prolemaic houses at Ghoran); O. Rubensohn, Jahrbuch des $b$. Ino1), pp. 385 seqq. (Ptolemaic houses at Ghoran); O. Rubensohn, J

Egyptian temple plans: Carter and Gardner, JEA iv 130 seqq., the tomb of Ramses IV drawn on papyrus; Daressy, Cat. Gén. Musée du Caire, Ostraca, No. 25184 (Plate XXXID), a royal tomb drawn on an ostracon; Glanville, JEA xvi 237 seqq., plan of a shrine of the XVIIIth-XIXth Dynasties, drawn on an ostracon with measurements in hieratic script; Cairo Joumal d'entree 37687 , an un published Cairo ostracon from Mond's excavations in 1905, showing the plan of a royal tomb, also with measurements and names in hieratic. (For these references and in particular for the unpublished Cairo ostracon I am indebted to Professor J. Cerny.)

I $\pi \nu \lambda(\omega \nu) \delta$, below, in a vertical direction, $\gamma . \operatorname{mu\lambda }^{2} \nu \mathbf{v}$ is normally interpreted as a monumental tower-gateraay. Schūtz, p. 20, quoting the layout of Ptolemy's great ship in Athenaeus $204 \mathrm{~d}-206 \mathrm{c}$, doorway, but may have an extension in depth of $3-4$ cubits. The papyrus seems to designate the courtyard, not a tower, as $\pi \cup \lambda(\omega) \nu)$. The interpretation by which the term is extended to cover the courtyard into which the tower-entrance leads would give a better sense than the normal one to some
 and would suit all of them.
2 Reading uncertain. All that can be made out is $\nu$ followed by a tall vertical, and after a space of two letters, a spot of ink high up, perhaps part of a contraction. [日]up $[$ [a a d]r (pelou) might be possible.
-vípa aù̉(elas) (cf. BGU 1007, 16) or $\pi a(\rho o ́ \delta o s$ ) (cf. P. Teb. 45, 22) are less likely, on both palaeographical and factual grounds.

3 Ovó катay(alov), door to the cellar. Cf. Luckhard, p. 67. The treads of the staircase are not shown. It may have been a straight stair occupying the whole opening, but is more likely to hav turned round a central pillar.
 portant feature of a house which can serve as a delimiting point, the term occurs in two papyrus contracts for division of house property, but both are too damaged to throw a clear light on is


 in an inscription from Corcyra, $I G$ ix ${ }^{1} 692,14$ ) is hesitantly suggested. Open tile conduits were found at Karanis in houses of the second and third centuries A.D. which were perhaps connected with the temple of Pnepheros and Petesouchos; in more than one of them the conduits were arranged in rectangular form and backed by a low wall, less than a metre in height, while the space (also about a metre) between this wall and the side wall of the chamber had been filled with earth to form a mastaba or bench (Karanis 2 , pp. 35 seqq.). It would be hazardous to suggest such an interpretation of the and without doorway it can hardly be a separate chamber. Possibly the sense 'water-tank' might be a semantic extension from the idea of 'conduit'; it is certainly situated just where the impluvium is to be expected. It is to be noted that in the papyri most houses of any size are equipped with their own фpéap (e.g. 502, I8), though it is usually situated in the aù $\lambda \eta$.
$5: \lambda$. . and perhaps a figure below.
$6 \dot{a}$ àpeiov, below and upside down $\delta=4$, below and in a vertical direction $\gamma=3$. In the papyri use of the term $\dot{\alpha} \tau p e i o v$ is confined to the Atrium Magnum of Alexandria (see Calderini, Dis. Topograf.





${ }_{\text {yo }}$ at $=\mathrm{It}$ (a fraction) (?).
II $\mathrm{L}-\mathrm{f}=\mathrm{a}$ fraction between $\frac{1}{\frac{1}{2}}$ and one.
12 то, sense unknown.
I3 $\underset{\text { Tr }}{ } \mathrm{T} \%=\mathrm{If}($ ? $)$ or an abbreviation.
14 Traces of letters.
2407. Memoranda of Proceedings of a Public Meeting

$$
37 \times 25 \mathrm{~cm} .
$$

Late third century
Although its state of preservation is poor, we have on both recto and verso of this papyrus, which is of fair quality, almost the whole width of a broad column of thirty lines, written in a clear sloping hand which Mr. C. H. Roberts and Mr. T. C. Skeat (who has suggested several valuable readings and interpretations) would assign to c. A.D. 270 or later; the use of $\delta$ saoŋ $\mu$ ótazos as the title of the Prefect is another indication of its date, see Roberts in The Merton Papyri i 160 ; see also note on 1. 57 , below. The scribe is sometimes inaccurate, and inconsistent in his use of abbreviations. Line $x$ of the rector, which is written along the fibres, begins in mid-sentence, and so
one preceding column at least must have been lost; line I of the verso continues from 1. 30 of the recto; the fragmentary last line of the verso is short and so presumably ends the document. The text consists of the $\dot{\sim} \pi о \mu \nu \eta^{\prime} \mu a \tau a$ of a meeting of a public body, and records the utterances of a ovivoucos named Menelaus and his interlocutors, mostly designated as past holders of the office of hypomnematographus or of unspecified dipxai, and of an assembly (oíhloyos) and of the 'members of the first and second tribes'. The date is evidently the last day of the official year, when the period of service of the first tribe comes to an end ( 17 ; 25) ; this is also the last day of the syndic's office ( 30 ; cf. 48). The matters with which our text is concerned are thus relevant to those dealt with by Miss E. P. Wegener in her three articles: 'Notes on the фudai of the Metropoleis', in Actes du $V^{*}$ Congrès de Papyrologie, 1937, pp. 512 seqq. (cited here as Actes); 'The ßoùevrai of the $\mu \eta \tau$ тomódes's', Symbolae Van Oven, Leiden 1946, pp. 160 seqq. (cited as Symb.) ; 'The $\beta$ ovi'f' and the nomination to the ápxal in the $\mu \eta \tau \rho o \pi d^{\lambda} \epsilon \epsilon$ of Roman Egypt', Mnemosyne, S. iv, vol. i (1948), pp. 15 seqq., 115 seqq., 297 seqq. (cited as Mnem.); see also A. H. M. Jones, Cities of the Eastern Roman Provinces, pp. 329 seqq., 478 . This text, besides adding to our knowledge, presents some problems. Why, if the body in question here is the $\beta$ où $\eta^{\prime}$, are the terms $\beta_{0}$ oun', Boudevrai, so freely used in other texts which concern the senate of Oxyrhynchus, the presumable origin of this papyrus ${ }^{1}$ (see Part XII, pp. 26 seqq.), not found here, and outhoyos ${ }^{2}$ used instead? It might be suggested that the present meeting is attended by only a part of the $\beta$ ou $\lambda \dot{\eta}$-after a financial statement by the syndic the affairs of two tribes only are discussed. This seems ruled out by the fact that it discusses matters too important to have been dealt with by anything but a plenary meeting. The explanation is perhaps rather that the present body is not too small, but too large to be called the $\beta$ oud $\eta$; compare 41, where the $\delta \hat{\eta} \mu \mathrm{os}$, not the $\beta$ oud $\hat{\eta}$, is in evidence. At this meeting perhaps both are present.

The äpरoves, whose recruitment and allotment to tribes is the occasion of so much discussion, are presumably the municipal magistrates whose work had by now declined from an honour into a ruinous burden to be avoided by any means; the term being taken in its normal sense and not as a synonym for $\beta$ oudeurai, as it probably should be in examples cited by Wegener, Symb. 665 ; in that article it is shown that the majority of $\beta$ où̀voui were past or present äpXovres, but the appointment of non- $\beta$ ovievtal to the apxai had long since been general. But when a demand is made that certain persons elected to depxai should attend meetings (ovvépev́cv) or be penalized, what are the meetings in question? Are they of the Bovin'? If so, this would mean that it is demanded that newly recruited äpXovres should automatically become members of the $\beta$ oul $\eta$.
 ${ }^{r}$ As Skeat points out, we cannot rule out the possibility that this text originated, not in Oxyrhynchus, but (conceivably) in Ptolemais.
${ }_{2}$ Only two examples of this term are given. in Preisigke, Wöterbuch; one is a fragmentary and uninformative inscription; the other, BGU ro73 (third century), refers to something plainly uniniormative inscription; the other, BGU $\begin{aligned} & \text { unrelated (see Viereck, Klio viii } 413 \text { seqq.); so does a third, PSI I265 (fifth century). }\end{aligned}$

## 2407. MEMORANDA OF PROCEEDINGS OF A PUBLIC MEETING 147

ovveठpev́єь, though it can refer to meetings of the senate (cf. 1417, 2; P. Warsaw 15) might also refer to meetings of other bodies. This text seems not to beinformativeabout the number of the city фuخai (for which see Jouguet, La Vie Municipale, pp. 282 seqq. 309, 410, 454 ; Oertel, Die Liturgie, p. 173; Wilcken, Grdz., pp. 348 seq.; Wegener, Actes, pp. $5 \mathbf{1 4}$ seqq.) ; only two are mentioned here. The purely local basis for their membership which some have postulated cannot have applied to these ápxoytes, for whom the representatives of the tribes can haggle with obvious disregard for their places of origin or residence.

The syndic (for whom see Rees, $J J P$ vi, pp. 77 seqq. ; Wegener, Mnem., pp. 23 seq.) appears as a most important person in this text. His close connexion with the prefect and his immediate responsibility to the latter, between whom and the assembly he acts as a medium, are repeatedly stressed. He has evidently much influence in fiscal matters (cf. Rees, art. cit., p. 78) and over the appointment of the apXovres. No mention is made of a colleague or colleagues of the syndic (see, however, P. Meyer, Gr. Texte aus Ag., No. 67), or of a successor to him. The prytanis, who in 1413 appears together with him, is not mentioned here at all.

## Recto


 [ $\sigma$ Єévit $\omega$ ]



 каі фц八о-]


5









таîs














aas тòv $\mathfrak{e q p a ̣ [ v ] ~}$

















2407. MEMORANDA OF PROCEEDINGS OF A PUBLIC MEETING I49










нefa. [: doubtful letter $\tau$ or $\pi$; horizontal stroke above $\quad 2$ Before ovor.] perhaps $\lambda$


 i[ [ot


## Verso





 .[...].].

 [....].] [



 $\boldsymbol{\sigma} \boldsymbol{\sigma} \cdot \boldsymbol{k} \cdot k \eta$

 ảvay-








 oủk

 $\lambda \in u-$
























2407. MEMORANDA OF PROCEEDINGS OF A PUBLIC MEETING I5I














 $\chi[\omega] \mid \nu \tau[\omega] \mu \mu[$
60 [..........].].[
] (blank)



 apparently by a broken horizontal stroke. There has perhaps been some alteration here; (end) ... $\boldsymbol{\text { quep }}$; the first letter might be $\chi$ and the third a badly made $v$, but there is no trace of the tail



 dr. And $I$ have included in my total(?) the ... from what was ordered by .. talents $\ldots 39$ tal. 5,300 to be given from ... the four talents which were paid '"Noble syndic! You have administered well; dr.; remainder, I tal. 1,340 dr.' The assembly cried. No 1 o patriot.' Menelaus, syndic: 'This account witness has been made to one who is true and upright and a payd, and entered in the records; furtherhas been laid before you, and it shail also be pubicicy shall be referred to my lord the most eminent
more, the account $($ P? $)$ of the 50 talents and of the 30 shal Prefect, and his highness shall approve it.' Another item: Menelaus, syndic: 'No one can be unaware of the kind of responsibility involved in the syndicate, and how I have continued to carry un the city orders of the Prefect and of the other (authorities); and indeed the very administration of the city besides. You remember when I distributed the album of magistrates between the two tribes and the matter was referred to my lord the most eminent Prefect, while the voting on thieir apporumented was going on, that (according to your request, morevver) the nessary, and indeed I mentioned this then by the arrival of others, twelve in number. I thought fecessary, als into the two tribes with a view in the minutes, when the time
additional names are:--'As he continued, the assembly cried : 'Noble syndic! You have administered well! Hurrah for the patriot! Hurrah for the man of initiative! One who is worthy of the Prefect by a unique discharge of the syndicate! Just such men as this are needed!' Apollodorus, ex-magistrate 'I am certifying in the minutes that in the number of the twelve my brother Euhemerus, by the order, of the present syndic, has already performed liturgy; and we request a copy to be laid before us.' Serenus, former hypomnematographus: 'Well, since this man was previously enrolled into this tribe, we also requ. 'Yes! Attach(?) to us Posis son of Euangelus, the patriot! Attach(?) to us Posis son of Euangelus!' Serenus, former hypomnematographus: '. . . the syndic . . . having spent the year . . has chosen to distribute the additional magistrates today. But since three have been enrolled into this tribe, it is necessary that the equal number of three be put into the other.' The assembly cried 'Yes! Yes, noble syndic!' Serenus, former hypomnematographus: 'They are: Isidorus, Ischyrion, and Eudaemon son of Callimachus.' The members of the first tribe cried : 'Isidorus is someone else' man; our overseer is with the . ...' Menelaus, syndic: 'We have framed the registration(?) with a view to securing equality of honour and fair shares for the two tribes; and according to the strictes justice those subsequently found ought in general to be assigned this office by lot, just as the composition of the whole album and of the two tribes was framed with the object of ensuring that membership of this or that tribe should not go by favour or malice; but since you have desired that those previously constrained to the liturgies should belong to the first tribe, then an equal Number shan. Is given to and Eudaemon son of Callimachus shall be enrolled in the first, which was then, and is today still perform ing liturgies; and instead of these we will give to the second, which begins its liturgical service from tomorrow, Posis son of Euangelus, even as you have desired, and Isidorus son of Amarantus.' The members of the first tribe cried : 'Yes, noble syndic! You have administered well!' The members of the second tribe cried: '. . . You have acted unfairly.' Menelaus, syndic: 'Well, I only wanted to give equality to the tribes ; but since . . . and the other . . . shall be given to the first.' Pactumeniu Nemesianus, former hypomnematographus: This ought not to have been done today; but when thes men were nominated, and not when you had ended your liturgy, this should have taken place Menelaus, syndic: 'Posis son of Euangelus will be given to the one tribe, now performing liturgies, and Eudaemon will be given to the other ....' Nemesianus son of Apollon, formerly hypomnemato graphus: 'I have already certified that this ought not to have happened today, but when these men were nominated their allotment should have taken place.' Menelaus, syndic: 'Well, (I made provision for this:) in the minutes which were made wen 1 astributed al allom betwer the two tribes, distributed between the two tribes to ensure equality of honour" ; and accordingly, bearing in mind my words on that occasion. I distributed those subsequently found between the two tribes.' Nemesianus, hypomnematographus [sic]: 'I have already certified.' Menelaus, syndic: 'Of the other six(?) Nemesianus, former hypomnematographus: 'Let the offspring of the fathers, who have already into the tribe, perform liturgies; that is, (the sons) of the progenitors and kinsfolk. Those who have already got in ought already to be taking part in meetings.' The assembly cried: 'Yes! Yes! Let them all take part in meetings from the 3oth. Let them all take part in meetings from the 3oth of the month Phaophi; or else let them be posted up.' Menelaus, syndic: 'What sort of people, then, do you want to take part in meetings?' The assembly cried : 'Those about to come of age, those who have already got (into the tribes).' 'Philoxenus, ex-magistrate : 'It is therefore necessary to suggest those who....' Menelaus, syndic: ' . . to be suggested ....' Heron son of Euhemerus : 'According to wha principle have they not all taken part in meetings? On whose orders have they not taken part in
meetings up till today? This will not be in the competence of any one to concede. already to be taking part in meetings, and if they have not done so they should be posted up, Menelaus, syndic: 'In general, those from the album, having been submitted to my lord the Prefect all took part in meetings, and those who did not were posted up.' Pactumenius Nemesianus, forme hypomnematographus: 'This should not have taken place today,' Menelaus, syndic: 'Do not disturb the assembly.' Nemesianus: 'Do not set pitfalls for the assembly.' Heron son of Euhemerus: Let them all take part in meetings!' Pactumenius Nemesianus, former hypomnematographus: What is the reason why this has not happened between then and now? It is with the intention of shielding
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these people that you have done this today, after your syndicate is over.' Menelaus, syndic: 'In eneral, those elected and enrolled in the tribes have taken part in meetings; all who have shirked their duty have been posted up. And if your credit is good, as many as you can produce on your own credit, enrol them.' Pactumenius Nemesianus, former hypomnematographus: 'If my credit good, it is no thanks to you.' Menelaus, syndic : 'And it is no thanks to you if mine is. For the most estimable assembly knows how I have administered the syndicate.' Heron son of Euhemerus: ' have certified that nothing has been paid in to the assembly in which I was posted up.' Menelaus, syndic: 'Do not confuse the assembly on a pretext of twenty . . . . Pay the fine: Meron son Euhemerus: 'You are the one who confuses everything.' Menelaus, syndic: 'The beginning of con spiracy and confusion (is) already, (here). Have we already stopped .. ?? Pay the fine! He Prefect is demanding from you; don't try to humbug me.' Pactumenius Nemesianus, former hypomnematographus: 'He has made certification in each case(?) at his own risk.' Menelaus, syndic: 'Very well. It will increase the fortune of the assembly to produce an increased number of magistrates; that is my credit and glory, to produce more, and not to lessen the . . for us, to distrbe but as many as I suggested are (more satisfactory?) than the other six(?). For the six(?) have been distributed between the two tribes : . . . apion son of Thalamegus, . . . son of . . . dorus, Heraclides son of . . ., Heraclides son of Anelaeus, Posis son of Didymus; those discovered subsequently . . . will be suggested . . agoranomus of those who are there . . . . The assembly cried: '. . . to the Prefect about this. Pactumenius Nemesianus, former hypomnematographus: ... of those from the landowners . ...

I-5 A financial statement by the syndic is received with acclamations by the assembly.
3 т $\bar{\omega} \dot{\alpha} \gamma v \hat{\omega}, \kappa \tau \lambda$. : see Part XII, note on 1413, II (p. 40). Here the applause is for one laying down office.

वैд the document is largely concerned with the distribution between the first tribe, now finishing it period of service, and the second, whose period begins tomorrow, of some additions to the album ( $\lambda \varepsilon \dot{v} \kappa \omega \mu a$ ) of ápरovrєs. Claims and counter-claims to certain of these are made by the representatives of the respective tribes; the principle of the avoidance of oio frequent reappolifferent du入ai became an important consideration in the lime theat and Wegene in JEA xxi 245; Wegener, Acles pp. 5I3 seq.

7 Sta[vV] ${ }^{2} v$ : also in 1469, 4 (3rd cent.); PSI 804,8 seq. (A.D. 30I).
 in the fourth-century P. Princeton AM 8937 (JEA xii II6 seqq.); this, if the suggestions in the introduction about the identity of the äpxovres here are right, will be a different list.

8 $\boldsymbol{j}_{\gamma \epsilon \mu}{ }^{\rho} \nu \iota$ : for the part played by the Prefect in the assignment of liturgies, see Reinmuth, The Prefect of Egypt, pp. 15 seqq.
 creasing numbers of a avvodos, $S B .7453,33$ (an inscription of Ptolemaic date).
 the ápxorres who are in danger of paying twice over. We must assume that the construction is a little loose here.


 (in an uncertain context). We must suppose that a list of the twelve additional names followed here in the syndic's speech.
 pp. 72 seqq.; Musurillo, Acts of the Pagan Martyrs, pp. 216 seq.
rocoúrovs, ктג.: does this mean 'this is the kind of syndic' or 'the kind of äpXovres we want'? The former is perhaps more likely.
I2 seqq. Apollodorus, hearing the name of his brother in the list of twelve names, points out that he has already served. (This might imply that the brother was not present at the meeting.)

I4 тâtiv: the first tribe.

 also involves emendation in 16 and assumes an even more awkward word division.
 taken up and reiterated by another speaker, 29 seqq.
17 seq . The relation between the twelve additional names and the six-three for each of the two tribes-mentioned here and below is puzzling. $\tau a y \neq 7 p$ is again the first tribe, $\pi\rangle \nu a a^{\prime} \lambda \lambda \eta \nu$ the second.

ig seq. The members of the first tribe protest that Isidorus does not belong to the second; the restoration and meaning of their next remark are uncertain.

20 vifno Tay
21 кaràj] Tọ \$cкậ̣́rarov: cf. P. Rend. Harr. 69, 21.


5 What might be taken as $\dot{\epsilon}$ here and twice in 55 has a sign above the $\xi$ and to the right of it whe later cases the sign is crossed by what might be an abbreviation stroke. It is therefore possible that this is in each case an is crossed that the writer rarely abbreviates even when he might be expected to do so.
 ought to go by heredity.

37 For the zoth of the month as the date for meetings of the Senate, see Wegener, Symb. I83. $3^{38}$ seq. $\mu a d$ ไhoxpupr[: read $\mu$ eldokoupîtras(?); so Skeat, who compares Olsson's discussion in Aeguptus vii, pp. III seq., of $\mu$ Eגdoкoupia in 1484, 4. (The ending of the word here will have de pended on what its etymology was thought to be.)

39 Restore $[$ [ $\dot{\mu} \rho b \bar{y}] \mathrm{Ta}[\mathrm{s}]$ ? If so, the connexion with the last remark is obscure.
4 I Excêtipau: the verb, used elsewhere of the posting up of notices and names of persons (see LSJ, s.v.), is here used of the persons themselves.
 mentary papyri.
 45 seq. $\dot{\alpha} \pi[a] \xi[a] \pi[\lambda] \hat{\omega} s, \kappa \tau \lambda .:$ the syndic, ignoring the last speaker, assures the assembly that attendance at meetings has been generally insisted upon, and that defaulters have been posted up.
 perhaps at his financial position; with the hint that he will be financially responsible for his nominations.

48 seq. It seems that Heron is complaining that a fine paid by him after he had been posted up (for failure to attend meetings?) has not found its way into the accounts. The syndic denies that it has been paid at all. In 52 Nemesianus is evidently supporting Heron, but uncertainty about the
meaning of ékúcrov makes the point of his remark obscure.

 name, but seems certain; so is Avèauos.

57 The mention of an áropavópos may perhaps be evidence that the document is to be dated after c. $288 / 9$, when this office is said (1252, vs. 15 seqq.; cf. 1642, Part XIV, p. 65) to have been revived after long disuse.

## 2408. Letter from the Praefectus Annonae Alexandriae

$$
40.5 \times 20 \mathrm{~cm} .
$$

A.D. 397 .

This document, which must have been about 70 cm . wide when complete, is a copy of a letter acknowledging the receipt of 2,000 artabae of corn, from a Prefect of the Annona of Alexandria to the Exactor (of the Oxyrhynchite nome). A similar and evidently contemporary document is P. Rylands 652, from the Hermopolite nome. The body of our document is in a bold upright hand; the papyrus is very thick, but presents a good writing surface. Written along the fibres; verso blank
[


## (blank) Є̇छáкторє

['Oॄуриүхі́тои
〕
$\chi[a i] \rho(\epsilon \nu)$.

 Bío каі̆ Фiגaíou каi




 Артокрâ каі Tavpívov каі 'A A'ád[ $\omega$ ]pos
 ठьакєขvínoє











 бuxutian［s］．
and $h$ ．

3rd h．
 iаотútov ô тро́кстаи．

## 

14，15 1．évex $\theta$ eíauv
I E］japxos，$k \tau \lambda$ ．：the praefectus annonae of P．Ryl． 652 （dated by the editors late 4 th $/ 5$ th cent．） I $\in] \pi a p x 05, k \tau \lambda$. ：the praefectus，see their note on I．I．
ithe sef ater，probably by the same hand，but in smaller and more sloping writing．On the exactor，see Part XII，pp． 82 seqq．（on 1428），and the authorities cited there；also Dertel，Die Liturgie，pp． 299 seqq．； Johnson and West，Byzantine Egypt：Economic Studies，p．2Tg．Tồ ưmo $\sigma \in \frac{1}{\nu o \mu o v ̂}$ in the next line Johnson and West，Byzanine the official；showing also that there is only one for the Oxyrhynchite nome at this date，as in 1428 （ 4 th cent．）．It is interesting to find his sphere of interst induding exactions in kind，and not confined to arrears．

3 ［．．．avaфopav ．．．c．$\xi$ avaфopâs in 1．6，below．The editors of P．Ryl． 652 in their note on 4 suggest＇payment＇．The round figure 2000 looks very much like an instalment payment．
． i 14 （A．D．385）；see Wilcken，Grdz．p． 165 ．
 entirely restore cf．dea mere and is thus in letters long．The second kai which follows may not have introduced a third neme if not，perhaps the last two lines，endorsements in a second and third hand， introduce these individuals．The rest of the document is in a single hand，since it is a copy．It is no arear to whom the statements contained in 11.5 －II are to be attributed．That in 1 ． 10 at any rate must have been made by one of the Alexandrian authorities．
5 In spite of the fact that a long space is left blank at the end of 1.4 ，eioкєко］$\mu \boldsymbol{\sigma} \sigma a \iota \ldots$ кa
 actual amount in the proforma was left blank．If so，what the latter certifies to the exactor is：（a）that the consignment has arrived at the bams of Alexandria；（b）that it is being（pres，inf．）reported（or paid over）to the imperial officers．
 form of their designation invites comparison with ajmo P．Ryl． 652 ．
 named Agathon；if he is iont delivery at the risk of local officials，including scriniarii．

7 Perhaps supply documentary sense．The oikoó $\mu o t$ and Boŋ⿴囗十力 in question are presumably officials at the Alexandria granaries． $\qquad$ $\underset{\epsilon \pi \pi^{\prime} \text { avriturov ：ent perhaps in the prospective sense＇with a view to receiving＇（a copy）．P．Ryl．652 }}{ }$

 begins a new sentence．

9 On the analogy of P ．Ryl． 652 the line will begin with the name of the praefectus annonae in the
dative ；his titles may well be abbreviated here and so one cannot say how much might be supplied． Before their text（10）．Perhaps here some word meaning＇we certity＇
oppiots：this confirms the editors＇conjectured expansion of op（ ）in P．Ryl．652，to．The oppta no doubt synonymous with $\theta_{\eta \text { joavpol（at Alexandria，as above）；cf．Wilcken，op．cit．，p．} 165 .}$
 07，18；160，г．




I3 Perhaps supply $\sigma \nu \mu \phi \boldsymbol{\nu} \in \mathrm{i}$ as main verb；though elsewhere in this document it takes an accu－ sative．

I4［．．．éroxou？．．］：cf．（e．g．）P．Warren 3， 23 seq．

2409．Memoranda of an Official

$$
33 \times 36 \cdot 5 \mathrm{~cm}
$$

Late second century．
On the verso of an unpublished register of loans，to judge from its proper names and place－names originating somewhere in Upper Egypt，perhaps at Thebes；written across the fibres in a sloping hand．Short private memoranda on a variety of official matters，with many abbreviations，referring to a register of business for the month of Tybi；at least one previous column has been lost．






$2 \hat{a}$ ：see commentary $\quad 3 \tau \hat{v}$ probably $=T \hat{v}(\beta \imath)$ ；what looks like o between $\tau$ and $v$ is perhaps only a blot $\quad 5 \pi^{\prime}=\pi\left(\epsilon \rho^{\prime}\right)$
$\therefore .$. and of those in the Thebaid，exclusive of the Oasis．
About the watering of the soil：copy（？）on sheets $4-5$ ．I replied to the ．．．Tybi，sheets $12-13$
have already（？）administered（the matter）：Tybi，sheet 16 ．
＇About the payment of the priestly levies：copy（？）on sheet io（？）．The copy of the document $I$ ave dispated the royal scribe，that he may be informed and perform his own part；and as ＇About the sending of pure and unadulterated grain：copy（？）on sheets 39－40．I am observing the orders．
＇About the sacrifices of the most sacred Nile：copy（？）．．．4．I replied，Tybi，sheet（blank）．＇


158 DOCUMENTS OF THE ROMAN AND BYZANTINE PERIODS
 is written in full in $3, \mathrm{II}$; (2) the same abbreviation stands for a neuter substantive in 6 .
$\delta \epsilon$ : cf. $\stackrel{\overline{\beta \beta}, \lambda \theta \bar{\mu}}{ }$, below: the reference is plainly to consecutive sheets.
$\delta \varepsilon \delta \omega i \kappa(\eta \kappa a)$ : for different ways of forming the perfect of $\delta \iota o \kappa \epsilon \hat{\nu} \nu$, see LSJ, s.v.




8 seq. This entry is enclosed in round brackets, perhaps to indicate that the matter is not finished with.



## 2410. Petition

$$
34 \cdot 5 \times 26 \cdot 5 \mathrm{~cm}
$$

Remains of three columns, written along the fibres of a sheet of papyrus of good quality. The verso is blank. Of col. $i$, in a small hand, nothing remains but the ends

 two columns, which are broken off at the top, contain two copies of an identical text, with unimportant variants; the body of this is in a large backward-sloping hand which tends to separate words by spaces. Most of the text can be reconstructed after the lost beginning ; the text of the first copy $(A)$ is given here, with supplements from the second ( B ). Two petitioners complain of the aggressive behaviour of a neighbour, who has been acquiring land for the purpose of sub-letting it.

A
$\qquad$
[..............] каi...[..].]. [













## 

$15 \mu$ ечos S!ạф $\theta$ ap




20










 24 i $\delta \mathrm{c} a$
'(To . . . from . . ., of Oxyrhynchus(?).) A certain Horion . . ., in contempt of our easy temper has first of all hindered (us) from making use of the village irrigator, which (was at our disposal?) from (the time of) our ancestors; and not only this, but when we have avaled aurseves ${ }^{\text {from other sources, he persecutes us with the intention of ousting us from this also. And he is trying }}$ to seize two arouras of our crown land and make it private property; (and) having made a higher bid for some pastures from the Nicanorian estate which were formerly administered by us, he lets them to strangers, intending that our beasts shall be destroyed; he does not only lease from the same (Nicanorian) estate, but he also leases out other crown lands, letting them (the beasts?) for hire for a higher price. And this man's son, who is quite advanced in years, has never up to now made any expenditure, nor indeed does he pay into the account for irrigation guard and for straw together with his family. Wherefore, since this man is oppressing us in the village, we request assistance so that we may have the means to remain in our own place. Farewell.' (Date and subscriptions.)

3 seq. катафроуш̄v, ктл.: cf. 1470, 15; SB. 5343, 42; P. Gen. 6, 13; 3I, 10; P. Antin. 36, 12 seq.; P. Ryl. 659,7 seq.



 of it it seems that the petitioners regard themselves as the owners of the Baciduch in question, which Horion is trying to transfer to the category of private land not only in fact but in name (isewrukiv,
 an early symptom of the process of assimilation by which the royal land later became merged in the private: see Bell, 'An Epoch in the Agrarian History of Egypt', Rec, Champollion (r922), pp. 261-71.' I Note that iscrís (to agree with vouas) cannot be read; the $\eta$ of $l \delta \omega u \pi t \kappa \eta[y]$ is clear in B.

12 The Nusavopaam̀ oúra, which appears here for the first time, had perhaps belonged to Nicanor, one of the sons of the philosopher Areus, who, according to Suetonius (Div. Aug. 89) was like his father a personal friend of Augustus. He would come into the class of rich Alexandrians enumerated by Rostovtzeff, Gesellschafi u. Wirtschaft im röm. Kaiserreich, pp. 295 seq., among possessors of ouslac in Egypt. (The business man discussed by Fuks,
unlikely alternative.)

 I5 $\delta$ oap $\theta a p \bar{\eta} v a r$ : used P . Philad. 8,8 (2n working them to death; having hired the complainants from unspecified causes; here perhaps by working them to deach, hose on which they were originally used? Or possibly (reading aùrás ( $=\gamma$ âs) for aùrá in 17) he threatens to destroy them by depriving them of water.

 tion work. Gaps in embankments were plugged with bundles of fibrous stuff (see Hohlwein, Et. de Pap. iv (1938), p. 69); reeds (кd́入apoı) were regularly so used, but straw or chaff (ка入a $\mu \eta$ ) mixed with clay was also used; see Sinuthii Opera (ed. Leipolde), vol, iv 5), p. 152 , and Wiesmann's translation (ib

 4284, I4 seqq. ; P. Gen. 16, 18 (3rd cent.).

## 2411. Petition

$$
39 \times 3^{2} \mathrm{~cm}
$$

Probably c. A.D. 173.
Remains of three columns written along the fibres in an upright hand. There is a tendency to separate words by spaces. Of col. i the ends, and of col. iii the beginnings only remain. The document is apparently a petition analogous with 237 (the Petition of Dionysia) in its free citation of a previous case. This citation is appended to the petition proper, which ends at 38 , and seems to continue to the end of the document, at 80 ; it comprises an extensive exchange of correspondence between officials. On the verso is 2414.




## ii



 $\mu \in ́ \varphi \eta$. סєєutúxi.


 vov $\delta$ co $[\kappa \eta \tau 0] \hat{u}$.













Воило $ө \varphi[. . . . . . . . . . . . . .$.$] .....т.бєाтотє \chi р \epsilon \omega \sigma[$

 and $v$ (as between с and $\lambda$ in ódecio $\mu$ évov in 34, above)
（3 lines lost）


$$
[\ldots . .] \ldots . . \lambda_{t}[
$$

$$
\ldots \ldots . . .
$$

be given back to me（who am，however，eager to purchase）the amount owed to me by way of prin－ be given back to me（who am，however，eager to purchase）the amo
cipal and interest；in order that I may be obliged to you．Farewell．＇
 realized by the auction of the hypothecated land．
32 seq．$\pi \lambda \epsilon i o v a$ eivpiokn：this，as Pringsheim remarks，is another way of expressing the úmepoxi mentioned below（ $40 ; \mathrm{cf} .5 \mathrm{I}$ ）．With the expression he compares UPZ 1514

33 ท̂тєбхó $\mu \eta \nu$ ：＇made a bid for＇，see Pringsheim，Scritti in onore di Cont．Ferrini，1949，p．296，n． 5 ．
 Wb．i，s．v．тараб́tхонаи（3））．
$34 \epsilon^{\prime \pi}$ a［a申a入єiq，кт入．：ccf．Meyer，Jur．Pap．48， 49 seq．；P．Aberd．I9， 23.
 Grammatik der Papyri der nachchristl．Zeit（Münchener Beiträge zum Papyrusforsch．u．ant．Rechisgesch． 28 （1938）），pp． 40 seq．， 130.

In 39－42 follows an official＇s comment，introducing a precedent for the present case：＇That it has been prescrie to them）and no handed over to the creditors for the amount of excess（of their bid over a letter of Mallius Crassus the dioecetes．＇
40 vitєрохйy：this，as Pringsheim points out，is the first instance of the term in the papyri．An example of úrepoxa（plural），however，has been found by Kalbfeisch，＇Hyperocha＇，Archiv xv（1953），



 $\delta เ к a \sigma r \omega \hat{\nu} \nu$ крiбeєs，$\kappa \tau \lambda$ ．Pringsheim draws attention to Jolowicz＇s article＇Case Law in Roman Egypt＇， Journal of the Society of Public Teachers of Law，1937；noting that the present case is single decision used as a precedent．

43 seqq．＇Mallius Crassus to Herodes，strategus of the Mendesian nome，greeting．I have sent you a petition of Damarion son of Isidorus，with my signature；now，was thereafter handed over before Apollonius，the other debtor，became strategus，cancelled；if，as the chrematistae say（？），con－ in the record－office are produced from the archive in Alexandria，it is sufficient（？）for the hypothecated property to be auctioned and sold（？），the excess，if any，settling（？）the debts of the aforesaid Apollonius．＇

The correspondence cited concerns an earlier case from the Mendesian nome．It begins with a pronouncement sent in 159 to Herodes，strategus of that nome，by the $\delta$ oot $\quad$ 仿 The petitioner is one Damarion；one of the debtors is Apollonius，who has been a strategus．Now there is a document，P．Ryl．427，in many fragments，which may relate to this very case．It is from a body of official correspondence from the Mendesian nome itself（in it is Apollonius，strategus of the with the sale of property by auction ；one of the people mentioneaily situated there．）The editors of Mendesian nome．（The property iself is perhaps not necessu，which would date the document at
 least as late as deceased．）Most of the Thmouis papyri seem to belong to the second century rather than the third． 43 Mallius Crassus was not previously known as siotкnrýs；but in P．Tebt．287， 7 （A．D．16I－9）we
 hear of a Crassus whose
（see editors＇note on I． $6, \mathrm{p} .50$ ）is some years earlier．（Note that by 162 the $\delta$ ooknvins is Vonasius Facundus．）

50 This assumes that $\beta<\beta$ גeopudakiou has been abbreviated as in 47 ，above． ＇птоөпкццаia：as Pringsheim notes，the subst．is not found esennown elsewhere；a sixth－century 51 ＇ex＇épєofau in the sense＇pay，＇settle a deb＇

55 The feminine proper name Taaprûous is found in $S B .7460,37$ (2nd cent.); ]. .ons after the 55 The feminine proper name Taaprūors is found in $S B$. 7460,37 (2nd cent.)
lacuna will agree with it. The connexion of Taartysis with Damarion is obscure.

56 Perhaps $\beta$ oùópev[́́s ae фроvтlau_ ; cf. P. Würzb. 9, 56.
 In P. Ryl. 427, fr. 16, aipeaiv ool $\delta \dot{\epsilon} \delta \omega \times \varepsilon y$ кoa.[ might refer to the same person.

77 áypaфel or à ypádel?
2412. Account of Money Payments

$$
46.5 \times 35 \mathrm{~cm}
$$

A.D. 28/9.

After a heading, unfortunately mutilated ( $\mathrm{I}-7$ ), an account recording money payments extending over three years-the 14 th, 13 th, and 12 th of Tiberius, in that order-for poll tax and various trade taxes, and for 'the price of wheat', from six villages; of these, four-Ogou, Tekmi, Kollint(athyr), Pyrgo(tos)-are known to be in the Heracleopolite nome; the name of another, Mouchis, is known as a village in that nome and of one in the Fayûm, and the remaining name, Ibion, is common all over Egypt. This, together with the occurrence of proper names (for instance, Panetbeuis) characteristic of the Heracleopolite nome, ${ }^{\text {I }}$ makes it certain that the document originated there.

The text is written in a neat upright hand. In col. i at irregular intervals, and without apparent relevance to the original text, some amounts in talents and drachmae have been jotted down in the thick sloping hand of a text on the verso; since it seems likely that they relate rather to the latter, they have been ignored here. Of the àprypıкá, the most regular payment is that made for daoypaфía, at the rather high rate of 24 dr .2 ob . yearly; a number of entries record a reduced payment of 8 dr . for persons deceased-evidently during the current year. To the amounts for poll tax are occasionally added charges for various $\chi \epsilon \dot{\rho} \omega \nu$ á $\xi$ ca; that for tailors $(\eta) \pi \eta(\tau \hat{\omega} \nu)), 11.36,39$, ${ }^{137}$, at 6 dr ; for weavers(?) ( $\gamma \epsilon(\rho \delta i(\omega \nu$ ?)), 1. 4I, at 6 dr ; for potters ( $\kappa \epsilon \rho \alpha \mu(\dot{\epsilon} \omega \nu)$ ), for one individual three times (11. $76,158,187$ ), at 24 dr .; for another twice (11. 98, 166) at
 1. 139 , at 6 dr . ; for an unspecified $\chi \epsilon \rho \omega \boldsymbol{\chi} \hat{\xi} เ o p, 1.37$, at 6 dr . ; another unspecified charge, in l. 57 , of 9 dr .

On $\tau \mu \eta \grave{\eta} \pi u \rho o \hat{v}$ in general, see Wallace, Taxation in Egypt, pp. 24, 365 seq. Here we find it, as we should have expected, collected with money taxes. The sums in $33,123,133$ are puzzling; in each case the total is nearly, but not quite, the sum of the previous entries. It is also hard to see the significance of the higher figure in 123 .
${ }^{\text {I }}$ Skeat, however, notes the occurrence in lines 43 seq. of two names virtually confined to the Fayüm: Stotoetis and Petesuchus.


40
$\chi \epsilon!\left(\rho \omega \nu \alpha \xi_{5}\right) \eta \pi \eta \eta(\tau \omega \hat{\nu}) 5 \lambda(\alpha,) \gamma \rho . \kappa \delta=(\gamma i \nu.) \quad \lambda=$

$\chi \epsilon\left(\rho \omega v a \xi\right.$ ．）$\gamma \epsilon\left(\rho \delta \dot{\prime} \omega v\right.$ ？） $5 \lambda(\alpha 0) \gamma \rho . \kappa \delta=\left(\gamma^{\prime} \nu.\right) \quad \lambda=$

इтотоэтts＂$\Omega$ рои $\quad \kappa \delta=$
$\Pi \epsilon \tau \epsilon \sigma \circ(\hat{u} \chi \circ s) O_{\sigma \eta}(\quad) \Sigma \tau \sigma \pi \circ(\dot{\eta} \tau \epsilon \omega s) \Sigma \tau \omega ́(\epsilon \nu s) \quad \kappa \delta=$

Пєєєұ仑̂̀ viòs $\quad \kappa \delta=$
Aрі́тıттоs ä̀ldos $\kappa \delta=$

$X[a \tau \hat{u} \lambda] \leqslant \varsigma \AA A \rho \omega \tau i \pi \pi \pi(v) \quad \kappa \delta=$

${ }^{*} \Omega$ pos ád $\delta \lambda \phi$ òs $\quad \kappa \delta=$

Пто́дııs Фìmvos $\quad к \delta=$






$60 \quad \Sigma \tau \omega ̂ v s{ }^{\alpha} \delta \delta \lambda \phi \dot{c}$

$\kappa \delta=$
$\kappa \delta=$



iii
 $\kappa \delta=$
$65 \Sigma \tau \omega ̂ \nu s \Psi_{\text {errâ̂（ros）}}$
$\kappa \delta=$


$\Sigma \omega \tau \mathfrak{\eta} \rho \iota \chi(0 s)$ ảdè $\phi$ òs $\kappa \delta=$
70 Пaveт $\beta \in \hat{u}$ s－$\kappa \delta=$
Kєфа入âs $\Pi_{\text {тo入 }} \mu \mathrm{aio}(v) \quad \kappa \delta=$
＇IRi $\omega$ vos
＇Oגо́калоs－ $\kappa \delta=$ Kod入ıขт（aAúp）
$\kappa \epsilon \rho a \mu(\epsilon \epsilon \omega \nu)[\kappa] \delta \lambda(\alpha o) \gamma \rho .[\kappa \delta]=\left(\gamma^{\prime} \nu.\right) \quad \mu \eta=$
$\Sigma \epsilon \mu \theta \in\left[\hat{v}_{S}\right] \Pi_{\epsilon \tau \epsilon \in \mathcal{V}}() \quad \kappa \delta=$



Пєтеvov（ ）Aроит $(\tau о v) \quad \kappa \delta=$

$\Sigma \omega \tau \eta \eta_{\rho} \chi(o s)$ Пat»aúrıo（s）$\kappa \delta=$
$\Sigma \epsilon \mu \theta \epsilon \hat{S}$＂$\Omega \rho o v$ K $\epsilon \pi \alpha ́ p l(\circ \dot{c} ?) \quad \kappa \delta=$
85 Пavє $\beta$（є̂̂ls）$\Sigma \epsilon \mu \theta($ ）к $\delta=$

$A \tau \rho \eta{ }_{s}{ }^{*} \Omega p o v$

${ }^{r} \Omega \rho o s{ }^{2} \in \mu \theta \in[v] s \quad \eta$



$\Sigma \in \mu \theta \epsilon \hat{u} s$－$\theta \alpha \nu o ́(\nu r o s ?) \quad \kappa \delta[=]$

＂Oyou
Qécu＇P $\omega \mu$ аiov
$\kappa \epsilon \rho \alpha \mu(\dot{\epsilon} \omega v) \mu \lambda(\alpha \varrho) \gamma \rho . \kappa \delta=(\gamma i v.) \quad \xi \delta \overline{ }$


2412．ACCOUNT OF MONEY PAYMENTS

|  |  | GP／ |
| :---: | :---: | :---: |
|  |  | ${ }_{\text {Le }}$ |
|  |  | oryfs |
|  |  |  |
| 135 | Tө́ккц |  |
|  |  |  |
|  |  | $\lambda=$ |
|  |  |  |
|  |  | ）$\lambda=$ |
| 140 |  | $\kappa \delta=$ |
|  | Apátımтos viós | $\kappa \delta=$ |
|  |  | $\kappa \delta=$ |
|  | Xaтồes ÁAcorimmov | $\kappa \delta=$ |
|  | Пєт $\epsilon \mu \mu$（羚）Пa入入aûтo（s） | $\kappa \delta=$ |
| 145 |  | к $\delta=$ |
|  | Паvєт （єv̂s）－$^{\text {－}}$ | $\kappa \delta=$ |
|  |  | $\kappa \delta=$ |
|  |  | $\kappa \delta=$ |
|  | ${ }^{*}$ ， pos viós $^{\text {d }}$ | $\kappa \delta=$ |
| $15^{\circ}$ |  | $\kappa \delta=$ |
|  | $\Pi$ то́d入ıs Фì $\omega$ \％o（s） | $\kappa \delta=$ |
|  | $\Sigma \omega \tau \mathfrak{\eta} \rho \iota \chi$（os）＇Hpaклеiov Tve．o（ ） | $\kappa \delta=$ |
|  |  | $\kappa \delta=$ |
|  | $\Sigma \tau \omega ิ u s$ Atpévs | $\kappa \delta=$ |
| 155 | $\hat{v}^{\prime}()$ Пa入laves＇Ovvé（фpos） | $\kappa \delta=$ |
|  | Ko入入evt（äv́p） |  |
|  | $\Sigma_{\in \mu} \theta_{\epsilon}^{\prime}(v) s$＂$\Omega_{p}[0 v]$ |  |
|  | $\kappa \epsilon p(a \mu \epsilon \epsilon \omega \nu) \kappa \delta \lambda(a 0) \gamma \rho . \kappa \delta=\left(\gamma^{\prime} \nu.\right)$ | $\mu \eta[=]$ |
| 24 1．Appio | urnos |  |
|  | vi |  |
|  |  | $\kappa[8=]$ |
| 160 |  | $\kappa \delta[=]$ |
|  |  | $\kappa \delta[=]$ |
|  |  | $\kappa \delta[=]$ |


|  |  | $\kappa \delta[=]$ |
| :---: | :---: | :---: |
|  | * $Q[\gamma]$ ¢ |  |
| 165 |  |  |
|  |  | $\xi[\delta=]$ |
|  | $\Pi \nu \rho \gamma$ ¢ิ(тos) |  |
|  |  | $\kappa \delta[=]$ |
|  |  | $\kappa \delta[=]$ |
| 170 | Apगậ̣oss Kєфa入âro(s) | $\kappa \delta[=]$ |
|  |  | ] |
|  |  |  |
|  | Тєєкци |  |
|  |  | [ $\kappa \delta=$ ] |
| 175 |  | [ $\kappa \delta=$ ] |
|  |  | [ $\kappa \delta=$ ] |
|  |  | [ $\kappa \delta=$ ] |
|  | Xaтồıs Apıotimmo(v) | [ $\kappa \delta=$ ] |
|  | $\Sigma \tau \hat{\omega}\left[\nu_{s}\right]$ 'Hpaклєiọ(v) | [ $\kappa \delta=$ ] |
| 180 | ${ }^{*}$, pos viós | $\kappa \delta=$ |
|  |  | $\kappa \delta=$ |
|  |  | $\kappa \delta=$ |
|  |  | $\eta$ |
|  |  |  |
| 185 | Kodtevt(atúp) |  |
|  | $\Sigma \epsilon \mu \theta \epsilon \hat{\nu}{ }^{\text {c }}$ " $\Omega_{\text {pov }}$ | ] |
|  | $\kappa \epsilon \rho \alpha \mu\left(\epsilon^{\prime} \omega \nu\right) \kappa \delta\left[\lambda(\alpha 0) \gamma p . \kappa \delta=\left(\gamma^{\prime} \nu^{\prime}.\right)\right.$ | $\mu \delta=]$ |
|  |  | $\kappa \delta=]$ |
|  |  |  |
| 190 |  | $\kappa \delta=]$ |
|  |  |  |

 apparent.

5 seq . àmd / [roū . . . érous?
. sign after the lacuna may be either (étous) or one of the signs of abbreviation used in this text.

8-33 record payments of $\tau \iota \mu \grave{\eta} \pi v \rho o \hat{\text { w }}$; 19 is probably a total.
${ }^{14}$. Evidently as 31, 228; the figure being the same for this man in all three cases. Some of the names in $120-32$ may be conjectured in col. i where the sums are the same; they are not so, however in the case of Heraclas son of Apollos who in 32 pays 88 dr .3 ob., but in 13I, 92 dr .3 ob.

The lists of $\tau \tau \mu \grave{\eta} \pi u \rho \circ \hat{v}$ evidently lump together names from all the villages separately listed for the ipyupıcó, since Harpaesis son of Cephalas in 129 is stated in the poll tax list (170) to be from Pyrgo(tos), whereas Panetbeuis son of Patheikos ( 130 ) is from Mouchis (118).
 the same names from year to year. In some cases not only the name of the taxpayer's father, but further details are given-the name of the grandfather of the taxpayer, or his occupation.
$57{ }^{\prime} \mathrm{e}^{\prime}$ ' iorgs : the expression here is obscure.
62 This is the only case in which the name of a taxpayers's father, if identical with the son's, is written in full. Elsewhere we find in place of it a dash, representing ofoiws; with which compere is written in fuli. Elsu gi. In 183 , below, where the same man is mentioned, his father's name is replaced by the dash.

86 Similar notes about deceased persons in P. Princeton 8, iv 12;
$120 \kappa \eta \rho(): \kappa \eta \bar{p}(\nu \xi)$, or some trade connected with к7pos, 'wax'?

${ }_{126}$ Not $\sum \epsilon \mu \theta$ ováus ( $=-\dot{\epsilon} \omega \mathrm{c}$ ).
127 The same name below, 132 .
${ }^{2} 33$ The sum of the above entries is actually 215 dr . 1 ob .
${ }_{152}$ tve. o( ): perhaps another name; but, if so, from its form it should be feminine.
${ }_{17 \mathrm{I}}$ The total is actually 757 dr .2 ob .
183 See 62, above.

## 2413. Account of Tax Arrears

$34 \times 36 \mathrm{~cm}$.
Probably after A.D. 140 .
A list of arrears in money payments ; two columns, which are fairly well preserved, contain entries in retrospective order from the second year of an unspecified emperor, evidently Antoninus Pius, to the fifteenth of his predecessor Hadrian; headings ( 2 x ; 36) indicate past Prefects of Egypt to whose periods of office the years belonged. Mos of the document is in a practised but ugly backward-sloping hand, variable in size wo entries in a second, more cursive and sloping hand evidently represent certifications by an official, but these have proved partly illegible. The end of an entry in this second hand is all that remains of a preceding column (i) on the left; it reads троккio $\theta(a i$ ?), and below this, the entry having been too long to finish in one line,
 col. iii show that a fourth column followed it ; since none are visible lower down, column v was evidently short and ended the document. The chief value of the text lies in its mention of the prefect Baienus Blastianus. This man will almost certainly be identical with the unplaced prefect . ..... Bla... cited by Stein in Die Präfekten von Ăgypten, p. 16 x (cf. pp. 167, 18x, 183 seq.) from CIL xiv 543I, and said by him to be 'certainly not later than the middle of the' second century, probably of the reign of Trajan'. He may now be assigned his exact place in the series from the following considerations the four successive entries here which mention him plainly imply that he came after Flavius Titianus, whose name occurs also in the heading in 36. On the latter, see Stein,
op. cit., pp. 65 seqq., 192 ; his known dates are 20/3/126-27/3/433. ${ }^{\text {I }}$ Arrears existing in the prefecture of Titianus are spoken of as lasting into the prefecture of Baienus, either reduced by subsequent exactions ( 6 seqq., 15 seqq.) or unreduced ( 25 seqq., 3x seqq.). The writer's language suggests that Baienus was Titianus' immediate successor ; which was no doubt the case. His tenure of office must have been very short, since Petronius Mamertinus, whom Stein not unnaturally assumes to have followed Titianus immediately (see op. cit., p. 192) is first met with in a document dated in the same year 28/8/533. This accounts for the fact that no other papyrus document mentions Baienus. He has no heading in the present memorandum, since it contains no entry under year 17 of Hadrian, within which his brief prefecture fell.

Written along the fibres. On the verso, written across the fibres, a very fragmentary report of judicial proceedings, dated A.D. I84.
ii
(ส̆̃ovs) ópows



5



 5 (ĕ́тovs)

ааутos хрóvous
( $\delta \rho$.) $\dot{\beta} \tau \mu \zeta \xi$.





 5 (ĕ̃ovs)

## 

ка (є̈тоия) $A[\delta]$ puavô̂




( $\delta \rho.) \dot{\beta} \rho \pi \theta=\chi \cdot \gamma$
iii





30



x̣pópous
$\kappa \underline{q} \tau(a \lambda \epsilon i \pi \epsilon \tau \pi \alpha)$
( $\delta \rho.) \rho \lambda$ f ${ }^{\circ} \chi^{\chi}$.
$\iota \theta$ (є̆тоиs) $\dot{\text { ¢ }}$




ii A heading Kouriou 'HAıoסápou xpóvwry no doubt preceded the last entry in the preceding column.

3 The second els here and elsewhere below may be taken to mean '(and further extending) into'.
5 Here and 34 seqq. below, what seems to be the figure $s$; has this any connexion with the 'sixth year of Hadrian' mentioned in the entries by the second hand?

8 The cursiveness of the writing and the abbreviations make these entries obscure. They presumably certified that the other writer's statements had been checked by reference to offcial documents as far back as Hadrian's year 6, the year before ntry in col. iv may have cited year 7 of Hadrian.
II The calculation-the sum mentioned in l .5 minus that in 1.7 -is correct ; so, apparently, is that in the next entry (1. 20).

For Petronius Mamertinus, see Stein, op. cit., pp. 68 seqq.

## 2414. Account of Taxation

## $39 \times 32 \mathrm{~cm}$.

Late second to early third century.
On the verso of 2411. Remains of three columns in a literary hand; of col. i only the ends of some lines remain. The last lines of col. iii, which give the total of the preceding entries, evidently end the account. The large sums involved suggest that the document comes from the office of a high official. A somewhat similar text is the Mendesian tax account P. Ryl. ii 213 (late and cent.), from Thmuis. On the term סoik $\begin{aligned} & \text { ots in }\end{aligned}$ term is used here will be comparable with the narrower, rather than the wider of its applications in the Rylands text, since it here excludes daoypaфia and $\chi \omega \mu a \tau \iota \kappa o ́ v$ (ii 7 seq.; iii 8 seq.). It is unfortunate that the details of the subdivision of this department specified at the top of col. ii here are too mutilated to be read. It also excludes фópos $\pi \rho \circ \sigma o \delta \iota \kappa \hat{\nu} \nu(\varepsilon \delta \delta a \phi \hat{\omega} \nu)$ (ii 6 ; iii 7 ), on which see Wallace, op. cit., pp. 3, 383 , with the references cited by him in the latter place. The lists of $\epsilon i \delta \hat{\eta}$ (cf. Wallace, p. 332), besides mentioning well-known taxes such as doovıךрá (ii Ir ; iii 16), víки́ (ii 14; iii 14;

 ences to some less well known: in ii Iз токабєias $\chi[\ldots] \gamma$ каi obpvei $\theta(\omega \nu), \chi[\eta \nu \hat{\omega}] p$ is probable (cf. PSI 965, passim, where токádes are geese), but $\chi[o i p \omega] p$ might be restored; cf. Wallace, p. 93; for $\pi \epsilon \lambda \omega \chi$ ккóv (ii 22) see Wallace, pp. 222, 467 ; with this and the other taxes mentioned in ii 19 seqq., cf. P. Lond. 856 , 16 seqq. (ist cent., probably



ii
$\left[\begin{array}{lll}{[ } & \zeta\end{array}\right] \psi^{\prime} \omega \nu \quad(\delta \rho). v \kappa \epsilon\left[\begin{array}{lll}{[ } & ]\end{array}\right]$


## [ã] $\lambda \omega \omega$

$(\delta \rho$.$) ảxs =. \quad /$


גaoppaфías
$\chi$ хцатıкоиิ
! $\in р а т \iota \kappa ิ ิ$
10
$\epsilon[\overline{[ }] \delta \omega$
ว่ㅎovıทpâs

$$
\left(\tau \alpha \dot{d} \lambda_{0}\right) a(\delta \rho \cdot) \dot{\alpha} \omega \delta \rho /
$$

$(\tau a \dot{\lambda}.) \in(\delta \rho.) \dot{\beta} v \iota \epsilon-\sigma \chi . a^{\prime}$
( $\delta \rho.) \chi \theta$ fó /
(тád.) $\iota \stackrel{s}{ }(\delta \rho.) \delta_{\sigma} \sigma \epsilon /$
(тád.) $\gamma(\delta \rho.) \psi \mu \stackrel{=}{\chi} /$
$\left(\tau_{a}^{\prime} \lambda_{\text {. }}\right)!5(\delta \rho.) \underset{\epsilon}{ } \phi[\ldots]=x \cdot \gamma^{\prime}$


ขiькฑิs
15 5( $\delta \rho$.) ö้ขшע
є̇ขขоиіои каi ä̀ $\lambda \lambda \omega \nu$
$\chi \in \iota \omega \nu a \xi i o v \gamma \epsilon \rho \delta i \omega \nu$
[Х]єเротє́ $\chi \nu \omega \nu$

20
 $\pi \in \lambda[\omega] \chi\{[\kappa \circ] \hat{v}$
[. к. к $]$ ] $\rho[$ [ov́ $\chi \omega \nu$ ?] $\mu a \chi i \mu \omega \nu$ ( $\gamma^{\prime} \varphi$. .) єiộ̀v

( $\delta \rho \cdot) \cdot \phi \cdot \square \cdot$. /
( $\delta \rho \cdot$.) $\bar{\beta}[$.$] . वे/$

(סि.) $\bar{\beta} . . a /$




(та́д.)....
( $\delta \rho).[$ ]


3 After second lacuna, trace of the abbreviation sign used throughout this text 3 After second lacuna, trace of the abbreviation
TN , as elsewhere except ii 24 , iii 7 , where it is $\checkmark$

9 ієратькшн
iii
$\overline{\kappa(\delta \rho .) \kappa а і} \overline{\mu(\delta \rho .) \pi \iota} \chi \circ .[\ldots \ldots ..] \ldots(\delta \rho.) \cdot[\quad]$

| ảpı $\theta \mu \eta \tau \iota \kappa о \hat{1} \kappa а т \rho[i \kappa \omega \nu]$ | $\left(\tau \alpha \lambda^{\prime}.\right) \in(\delta \rho.) \delta^{\prime}[$ |
| :---: | :---: |
| $\gamma \in \omega \mu \in \tau$ pias |  |
|  |  |



|  |  |
| :---: | :---: |
|  | [ |
| $\lambda a[0] \gamma \rho a \phi i a s$ | ( $\delta \rho.) \alpha^{\circ} \phi[$ |
| $\chi[\omega] \mu$ тıкоиิ | ( $\tau$ ád.) $\delta(\delta \rho). ~ \dot{\alpha} \tau \xi \zeta[$ |
| [ $[\epsilon] \rho a \tau \iota \kappa \omega ิ \nu$ |  |

10 [ $[\epsilon] \rho a \tau \iota \kappa \omega ิ \nu$
$(\tau \alpha ́ \lambda). ~ \iota \eta(\delta \rho.) \delta \omega \pi[$
$\epsilon[\check{c}] \delta \omega \bar{\nu}$

$(\delta \rho.) \sigma \cdot[$
$\bar{s}(\delta \rho$.$) oै \nu \omega \nu$
[ $\cup \mathfrak{l}] \kappa \eta ิ s$
$(\delta \rho.) \epsilon$

15 ėvvouíov
( $\delta \rho$.) $\kappa \beta$
15

| $(\delta \rho)$. | $($ blank $) \cdot[$ | $]$ |
| :--- | :--- | :--- |
| $(\delta \rho)$. | $\rho \kappa[$ | $]$ |
| $(\delta \rho)$. | $[$ | $]$ |
| $(\tau \alpha ́ \lambda.) \gamma(\delta \rho)$. | $\beta[$ | $]$ |


|  | （ $\delta \rho.) . .[$ |
| :---: | :---: |
|  | （ $\tau \alpha{ }_{\text {d }}$ ．） ks ［ |
| үiv．тov̂ 入óyov | $(\tau \alpha \dot{\lambda}.) \xi(\delta \rho.) \dot{\gamma} \underline{[ }$ |
|  |  |
|  |  |

7 This entry was perhaps subsequently added；the amount may have been added on the right， since there was no space for it between the lines 22 l．root

${ }^{23}$ For the $\mu$ áx
${ }^{23}$ For the $\mu a x^{t} \mu \mathrm{l}$ ，sle $\pi \mathrm{l}$ रob．［ is puzzling；there is a space，but no mark of abbreviation，after $\pi \mathrm{t}$ ．Neither a personal name nor a place－name was to be expected here．

22 seq．A Harpocration was royal scribe and acting strategus of the Oxyrhynchite nome c． 186 （see Henne，Liste des Strateges，p．30），and an Aurelius H．was strategus there in 219／21（op．cit．， p．31）；but there is nothing to indicate the office of the Harpocration mentioned here，or to prove the special connexion of this document with that nome．

2415．Account of Corn Freights

$$
47.5 \times 23.3 \mathrm{~cm}
$$

Late third century．
This text is similar in import to 1048，which is，however，considerably later（late fourth or early fifth century）．It is a list of vessels，stating under whom each is sailing （unó with accusative；cf．P．Rend．Harr．94，passim），with a total in artabas at the end of each entry．The kind of vessel is often specified；in the case of the bigger ones the estimated capacity is given；it is always considerably exceeded by the second figure， which is evidently the amount actually carried；the vessels were presumably loaded down to the water－line．In some cases the ensign（ $\pi$ ap（d́a $\eta \mu \nu \nu)$ ）of the boat is specified． The document is probably a list of vessels which will depart from the harbour of Oxyrhynchus after their cargo has been checked by inspectors．For the transport of corn，see Rostovtzeff，Archiv iii zor seqq．；Wilcken，Grdz．，pp． 378 seq．；Hohlwein， Et．de Pap．iv 110 seqq．；Börner，Der staatl．Korntransport im gr．－röm．Ägypten，Diss， Hamburg， 1939 ；O．M．Pearl in TAPA lxxxiii 74 seqq．The departures are not dated； they must extend over some time，since two of the boats and their captains occur twice（see 3 r seq．， 60 seq．； 33 seq．，76）．On the verso is 2425.

> i
> $\hat{a} \gamma(\omega \gamma \hat{\rho} s)(\hat{a} \rho \tau).] \hat{\gamma} \rho, \hat{\omega} \pi \alpha \rho(\dot{a} \sigma \eta \mu \circ \nu)$ ] (ápr.) $\mathfrak{\gamma} v$
> $\dot{\alpha} \gamma(\omega \gamma \hat{\eta} s)(\dot{a} \rho \tau.) \ldots,] \underset{\Phi}{\Phi} \pi a \rho(\alpha ́ \sigma \eta \mu \sigma \nu)$
（ápr．）］ $\begin{aligned} & \rho \rho q \eta \\ & \\ & \text {（ } \eta \mu \text { ．}) \text { ．}\end{aligned}$
5 ［
］（ảpт．）а̀к

］（ảpт．） $\mathfrak{j} \omega o$

］кл．．．．（ảpт．）фиє
］．$\tau \sigma v(\alpha \dot{\alpha} \rho \tau.) \dot{a} \phi \kappa \beta$
$\dot{\alpha} \gamma(\omega \gamma \hat{\eta} s)(\alpha \dot{a} \rho \tau)] \hat{\gamma} \rho, \pi \alpha \rho(\alpha \dot{\alpha} \sigma \mu \nu \nu)$
］（ajpr．）$\dot{\gamma} v{ }^{2}$
Another 8 lines at the bottom of this column lost ；the last word in 1 ． 21 will have been map（áoppov）
［ $\triangle$ เóवкко］ب̣ро

## ii




$\AA \pi o ́ \lambda \lambda \omega \nu$
（ $\alpha \rho \tau$ ．）$\dot{\beta} \omega \xi$






（ảpт．）$\dot{\alpha}_{\kappa} \beta$






$\pi \alpha \rho(\dot{a} \sigma \eta \mu \nu \nu) X_{\rho \eta \sigma \mu[\dot{d}] s} \dot{\alpha} \gamma\left(\omega \gamma \gamma_{\eta} s\right)(\dot{a} \rho \tau$ ．）$\dot{\beta} \sigma \quad$（à $\rho \tau$ ．）$\dot{\beta} \nu \mu \zeta$


ข่то̀ Ko入入oûtov ảлò тov̂ Пробштiтou
iii
$\hat{\alpha} \gamma(\omega \gamma \hat{\eta} s)(\hat{a} \rho \tau.) \omega \nu, \pi \alpha \rho(\dot{\alpha} \sigma \eta \mu \nu \nu) \Pi[\underline{0}] \nu \tau o s \quad(\dot{\alpha} \rho \tau.) \geqslant \mu \epsilon$

 ${ }^{'}$ Нраклєото $\lambda i \tau[0] v$

$$
(\dot{\alpha} \rho \tau .) \phi \epsilon
$$


 (ảpт.) ảpı.

(àpr.) à $\iota \epsilon$


$$
\dot{\alpha} \gamma\left(\omega \gamma \hat{n}_{s}\right)(\dot{\alpha} \rho \tau .) \dot{a}
$$

(à $\rho \tau$.) àp



$$
\Phi \theta \text { єvótov } \quad(a ́ \rho \tau .) \cup \beta
$$

 Káтш
(ảpr.) $\phi \beta$


 $\dot{\alpha} \gamma(\omega \gamma \hat{\eta} s)\left(\dot{a} \rho r_{.}\right) \dot{\alpha}$

$$
(\dot{a} \rho \tau .) \dot{\alpha}, \stackrel{5}{5}
$$





|  |  |
| :---: | :---: |
|  |  |
|  |  |
|  | (ápr.) |
|  | (a $\rho \tau$. ) |
|  | (ápr.) |
|  | (apr.) |
|  | (åpr.) |
|  | (åpr.) |
|  | (åpr.) |

## 2415. ACCOUNT OF CORN FREIGHTS






(àpr.) ]

$\dot{a} \gamma(\omega \gamma \hat{\eta} s)(\dot{a} \rho \tau$.$) ह́, \pi \alpha \rho(\dot{a} \sigma \eta \mu \nu \nu)^{\prime} I \tau \alpha ́ \rho \rho \nu[(\hat{\alpha} \rho \tau)$.

$\dot{\alpha} \gamma(\omega \gamma \eta \bar{\eta})(\dot{\alpha} \rho \tau.) \dot{\alpha} \rho \nu, \pi a \rho(\dot{\alpha} \sigma \eta \mu \nu \nu){ }^{\kappa} A \mu \mu \omega \nu[$
(àpr.) ]
(ápr.) ]
(äрт.) ]
(àpr.)

(àpr.)



(ảpr.) ]
I $\pi a p($ áompor): for examples of the word, see WB., and Moulton and Milligan, Vocabulary of the New Testament, s.v. The list in the article by M. Merzagora, Aegyplus x (1929), . 148 can now be supplemented. Another Oxyrhynchus papyrus of the third century containing simiar descriptions of
Nile boats is PSI ro48. See also the text published by Gueraud in $J J P$ iv 107 seqq.; there the word Nile boats is PSI 1048. See also the
is $\dot{\text { emionuov. With }} 4$, cf. $S B .423,5$.


 see Index to latter.

33 The same again below, 76
39 X $\rho \eta$ gaṕs : no doubt personified as a deity.
${ }_{41}$ Before the first figure, dy ( $\omega \gamma \bar{\eta} \bar{s}$ ) omitted.
$43 \Pi[$ ó] $]$ ros, as a deity.
44 दevyuatuкiv: perhaps a towed vessel. The word occurs as the name of an impost, 2129, 4, etc.; ;. Lond. II57, 6 (both zrd cent.). ${ }^{\text {² }}$
${ }_{4} 45$ Tर̂s 'Eleapxias: so several times below; see P. Ryl. 616, a 9 (A.D. 3r2), and editors' note on 1. mo there.
$49 \mathrm{vaun}\left(\lambda \lambda_{p \rho o u}\right)$ : here the owner is personally in charge of the vessel; in other cases it is no doubt

Greek index; Gardiner, ${ }_{6 I}$ ¢ $\bar{\phi}$ art: reading and significance uncertain.

${ }^{1}$ See Wallace, Taxation in Egypt, p. 280.
2416. Note about an Inheritance

$$
29.5 \times 38 \mathrm{~cm}
$$

Sixth to seventh century.
Recto written across the fibres; address on the verso along them. Papyrus of fair quality. Probably complete, in spite of the absence of any epistolary formulae at the end; there are no formalities elsewhere in the text. The addressee is probably identical with the count $\Sigma_{\text {Xodaortc ( ) mentioned in 1912, } 149 \text { (dated by the editors }}$ late sixth century) ; if so, the expansion there should be emended. The writer of P. Ross.-Georg. iii 12 (sixth century; provenance unknown) bears the same name. The writer explains his administration of the division of some moneys left by his sister among her three daughters. To avoid disputes among the interested parties he has framed two separate mandata, the details of which are to be withheld from his family.


 $\mu \dot{̀} \nu$

 нікроте́pas














Verso

 in 1. II, and no $\sqrt{\text { adscript as there } \quad \text { I3 Second letter in the line might also be } \lambda \text {; fifth is } \imath, \rho, \phi,}$ $x$, or $\psi$
'(I am sending you?) the rough draft of the division which should be made between the three girls, (my) nieces, (with a view to?) making the distributions when the time comes for giving to each what she is entitled to receive. The share of the eldest consists in hér having received raz solidi on the claim that it was an additional sum ("income", above); that of the middle one in her having received ioo solidi on the claim that it was an additional sum similarly; that of the youngest, nothing; but the capital sum of Ioo solidi left to pious uses that she may not be ousted from her claim, I have written (to you); and I have made two injunctions, directing thereby that the property be given to them; (by? one injunction directing that the two elder may claim what they are entitled to receive with (by?) one injunction directing that the two elder may claim what they are enthed youngest be given what she is entitled to receive (in the same document?); for when causing (?) the additional sum to be given to the elder ones I did not at the same time (?) take my son into my confidence, that he might not have occasion to make claims and pester us about an additional sum; but I have made special provisions in the second (?) about the youngest alone, directing that the appropriate share be given to her, but making no mention in it of an additional sum, so that the division may take place without the knowledge of anyone.' (Address.)



3 £ $\times[$ dárr] $]$ : somewhat doubtful; see textual note.

 has not, however, been deleted.

5 seq. $\dot{\eta} \delta \dot{E} \dot{E} \ldots$ oú $\delta \dot{e} v:$ a rather summary way of saying that she was not expressly left anything analogous to the bequests made to the others.

7 IIatpukias: perhaps the name of the youngest sister; the sudden introduction of it at this point, when none of the other parties has been named, is disconcerting; but the text is not a formal document, but a note to one who is expected to know the people concerned. Note that marpikiss (sc. oủslas) cannot be read.
iore: with iva, imperative for subjunctive.
g. $\bar{\epsilon} \nu \dot{\epsilon} \nu \mu \mu \delta \hat{a}[\tau o v$, governed by émoinoa in 1. 8? If so, what follows is an anacolouthon. Or $\dot{\varepsilon}\langle\rangle\rangle \mu \hat{y} \mu \alpha \nu \delta \dot{\alpha}[\tau \psi ?$


## MINOR DOCUMENTS

2417. $1_{3}{ }^{7} \times 25 \mathrm{~cm}$ A. D. 286 (year 3 and 2 of Diocletian and Maximian). Beginnings of twenty lines in a practised upright hand. Memoranda of proceedings of the Senate. The election (11. 2(?), 20) of magistrates ([yv perhaps recorded. For the acclamations of the senators, see note on 2407, rt. 3, in seq., and compare generally, beside that text, 41 and 1412 seqq. The only thing worthy
 is obscure.








 aipe $\theta$ ér $\{\tau \in s$
2418. $36 \times{ }_{31} \mathrm{~cm}$. Fifth or sixth century. A petition to an authority acting as тототпр $\quad$ тा'गs to 'the regions of Arcadia' to take action, through a councillor, in respect of an inheritance which the brother and sister of the petitioner (whose name is lost) refuse to share with him. Written along the fibres in a large upright hand on papyrus of poor quality ; a strip lost from the left side. On the verso, remains, mostly illegible, of an agricultural list or account in thirteen lines.









 $\tau[a \tau \epsilon]$ k ب̛̣p!c, ${ }^{11}$ [ ]...e (in a flourishing carsive; perbaps the date.)

$2 \pi \propto \lambda(\tau \tau \kappa \kappa) \hat{\eta}_{s}(?)$ : expansion doubtul; what is here taken as sign of abbreviation is like supra-

 help here.

5 d dpaypuovws: ' 'without litigation', to be taken with the words which follow?


2419. $5 \mathrm{r} \cdot 2 \times 17 \mathrm{~cm}$. Declaration; sixth century. Written in a bold sloping hand, along the fibres; the papyrus is of fine quality. No line can be completed, and it is uncertain how much of the left-hand portion has been lost; the column must have been very wide. About fifteen letters more have been lost on the left of lines 6 -ro than of I-5. There are no traces of a preceding line above 1. 1 , the first part of which seems to have been left blank; so it seems that the document does not begin, as we should expect, with the name and titles of the writer (probably a defensor, see B. R. Rees, 'The Defensor Civitatis in Egypt', $J J P$ vi, pp. 92 seqq.) and those of the addressee. It is evidently an ėmıoфрáyıoдa, a type of document for which see the editors' introduction and commentary to 1882. The nature of the case seems indicated by the statement in 1 ll .5 seqq. Here a witness apparently states that he accompanied someone, presumably the accused party, at a late hour as far as the convent of Ama Juliana. The accused was admitted, and with the collusion of certain of the inmates conveyed out a piece of the convent's silver plate, which was broken up and disposed of to a silversmith, who made spoons of it. The chief problem is presented by $\eta_{\eta} \mathrm{f} \omega \mathrm{\omega} \eta^{\prime} \theta \eta$ in 1.4 , which might suggest that the witness under examination is $\delta^{\circ}$ autro's $M \eta \nu \hat{a} s$ who is here described as a $\sigma \dot{\prime} \mu \mu a \chi o s ~ \tau \hat{\rho} s$ ék $\delta ı \kappa$ ias and is probably the same as the $\delta \eta \mu o ́ r o s ~ \tau a \beta o\langle v\rangle \lambda$ ápos of the preceding line. But a person so described is much more likely to have been the interrogator, acting for the prosecution; so we should perhaps

















 oוк..б...... Tगे к............. (Rest lost.)

 part of it)] open'; in 9 the principal verb will have been in the lacuna, 'conveyed (or sim.)] through
 díbov, cited by LSJ under the latter word.
2420. $39.3 \times 32 \mathrm{~cm}$. Deed of surety, from the Apion archive; dated 6io. Justus, chartularius, becomes surety to two goldsmiths, Aurelius(?) Papnuthius and A.(?) Arothius. The remains of the last two lines of a protocol in perpendicular writing and in purplish-brown ink run at right angles to the deed on the left; though mostly illegible, as usual, they may add a little to our knowledge of this old problem, since the letters or signs which begin and end them are evidently the same as those in the corresponding places in the second and third lines of more degenerate perpendicular writing in the protocols of the Arab period. The first begins with what appears to be a letter, perhaps H , in a perfect circle, which makes doubtful the supposition that it was originally $\Delta(I A) ;$ at the end, an upright stroke and the abbreviation sign $\int$; the last line begins with $T \Omega$, followed probably by $N$; at the end, INDIKTIIIIE. No month-name can be distinguished before this.

The lacunae of the deed itself can mostly be supplied from similar Oxyrhynchite deeds, such as 135, 996, 1979, 2203; PSI 52, 59, 6I, 62, 180; Merton 98 ; Lond. 778. L. Ig contains an unusual provision; the last word may be tapa]aráoєшs. The subscription of Justus is restored on the analogy of 1892 (A.D. 58 I ), 11.38 seqq., a loan of money on security. On the verso, below the address, in a different hand and in different ink, mostly effaced and illegible remains of a text in shorthand.

 I Cf. L. 3 in the protocol published in Budge, Coptic Homilies in the Dialect of Upper Egypt,
(Brit. Mus. 1910), frontispiece a more complete example in similar writing, beginning $\phi \lambda$ (covlou) (Brit. Mus. 1910) frontispiece, a more complete example in similar writing, beginning $+\Phi \lambda($ aoovou)
Bix(Toposs). . the $\omega$ read in the last line here is found there also. On protocols in general), see



























2421. Verso of 2422 ; written across the fibres. Early fourth century. Account probably, according to Skeat, of payments in kind-wheat (gîros, cf. P. Tebt. 404 (third century)) and barley-in three columns; ends of lines of the third lost. The names are followed generally by amounts in wheat and barley, and these in each case by a sum evidently representing the price of the latter. Xenicus son of Troilus in $\mathbf{z z}$ is identical with the Xenicus of 1413 (A.D. 270/5), whose father's name is seen from 1496 (273/4 or $279 / 80$ ) to be Troilus. Several other names in our list are also found in 1413, 1496, and the related texts 1414 (270/5) and 1497 (c. 279) : Philosophus, Agathos Daimon, Secundus, Horion, Besarion; the Septimia Serena of 69 is perhaps
related to the Septimius Serenus also called Ischyrion, exegete, of 1413. These four documents, however, evidently belong to a generation earlier than the present text, the date of which is indicated by the prices of wheat and barley, c. 984 and c. 656 denarii per artaba respectively-the latter being two-thirds of the former-which show that the enormous inflation of prices known to have taken place in the early years of the fourth century (see Johnson, Egypt and the Roman Empire, p. 58) is already well advanced.

















 ${ }^{22}[\ldots \ldots \ldots] .$.$v i \in \rho \in v s{ }^{23}[\ldots \ldots \ldots .$.$] Tos \kappa \rho t \theta\left(\hat{\eta}_{s}\right)(\dot{\alpha} \rho \tau$.$) as { }^{\prime}(\delta \eta \nu.) \geqslant \pi \gamma .{ }^{24}[\ldots \ldots$.


## ii








## MINOR DOCUMENTS






 тódov $\sigma(i) \tau(o v) \theta S^{\prime}(\tau a \lambda) s.(\delta \eta \nu.) \tau \kappa \theta \kappa p(\imath) \theta(\hat{\eta} s)(\dot{\alpha} \rho \tau.) \delta(\tau \dot{\alpha} \lambda) a.(\delta \eta \nu$.$) ápк. { }^{41} \Theta \epsilon \omega-$




 $\beta a ́ \phi \iota \sigma \sigma a(1,-\sigma \sigma \eta s) \sigma(l) \tau(o v)(\dot{a} \rho \tau). a s^{\prime} \kappa \bar{\delta}(\delta \eta \nu.) \dot{a} \rho \varphi_{\underline{1}}[\kappa \rho(\hat{l})] \theta(\hat{\eta} s)(\dot{a} \rho \tau.) S^{\prime}(\delta \eta \eta.) \tau \kappa \eta$.



## iii














$3 \bar{\kappa} \bar{\delta}$ apparently omitted after 5 .

 ad loc., and note on P. Mert. 42,4 , for this and other spellings of this and related words.
io dvarwouris : 'reader', of documents to the illiterate; so SB. 7338, i 15 (A.D. 300); P. Groning. 9, 25 (4th cent.).

I3 Mája<s?'): see 1069, a letter to a woman from her 'brother' Troilus. Hunt's reading of her name as Má $\zeta$ has been corrected by Crawford, introd. to P. Fouad Crawf. vi, another letter between the same two people, to Malár (e)t (dative)



49 גaxavâs: see LSJ, s.v.; same word evidently in P. Bad. iv 95 , xii 264 (7th cent.).
2422. $43 \times 22 \mathrm{~cm}$. A.D. 290. Account of beef and pork, no doubt as requisitions for military provisions, like 1545 and perhaps 1513 (both fourth century). See Boak, Byzantion xvii 27. The entries are arranged by villages, and the latter under the six Oxyrhynchite toparchies; a column containing most of the entries from the Upper toparchy has been lost from the beginning, together with any heading there may have been, which might have elucidated some details now obscure; for instance, the period covered by the exactions. The quantities, expressed in talents ( $\sim$ ) and minae ( $\mu, \tilde{\mu}$ ) are not round sums, which suggests that they are weights actually collected; the sum of the quantities from the individual villages is given at the end of each toparchy list and the document ends with grand totals; the sum of the quantities of beef from the six toparchies is said to be ávit, 'instead of' (= equivalent to) two-thirds of that weight of pork. ${ }^{\text {r }}$ The result of this conversion is added to the amount of pork actually collected, to make a final total in terms of pork. The calculations, so far as they can be checked, are all accurate. Two features of the document remain unexplained. In nearly every entry $\mu$ orx $(\epsilon i=v)$ or $\chi o t p(\epsilon i o v)$ is followed either by a numeral, varying roughly according to the final figure, and proportionately higher in the pork entries than in those for beef, or by a word probably to be read and expanded as é $\kappa \gamma\left({ }^{\prime}(\nu \epsilon \tau a l)\right.$; both this and the numerals are in many cases evidently added later, but apparently by the same hand, either above the line or in a space left for the purpose. For the figures it might be suggested ( I ) that they represent numbers of beasts; the higher numbers in the pork entries being accounted for by the fact that the pig is smaller than the ox; but the weights cannot represent whole carcases; (z) that they represent days, cf. 1545 ; (3) that there might be a theoretical annona of standard quantity, and that the first figure might represent the units due, the second the actual weight collected. But if so, there are very great discrepancies in the standard, and why should the weights of pork collected be so much below it? Eyci( $\nu \in \tau a \iota$ ?) also is obscure. It is generally accompanied by a note, usually marginal but twice inserted in the text, which looks like the figure $\iota \zeta$ (the $\iota$ is twice replaced by another sign) ; but if so, the hand in which these, and presumably the other marginal comments, are made is different from the original, since the $\zeta$ of the latter has a different form. Other subsequently added (generally marginal) marks are equally obscure; a sign $\quad$ twice pre-
${ }^{1}$ The edict of Diocletian De pretiis rerum venalium ( $\$ 4,8$ a) made beef two-thirds the price of pork.
cedes a figure which subtracted from the final figure produces a round sum; it may thus represent an excess (cf. 2129, 35) ; another sign $L^{4}$ may similarly represent a deficit, since it precedes figures which in most cases produce round sums when added to the final sum. Other symbols or abbreviations are found whose meanings or expansions are doubtful or unknown.

Written along the fibres; on the verso, 2421.

## i












 $\mu(\nu a) c . \nu \eta^{\prime}$

## ii
























 vi(v.? ) 15



## iv










 $\ldots \mu(\nu a) \iota . \lambda \eta^{\prime 95} / T[a \kappa o ́ v a]$ रoop( $\left.\epsilon \dot{i} v\right) \eta^{\prime}(\tau \dot{d} \lambda.) \gamma^{\prime} \mu(\nu a) \iota . \lambda \gamma^{\prime}$




 ${ }^{108} \chi$ єเроүрафía Хо七а́к кү $\gamma^{\prime}$.
 820, 25; 28 (both 4th cent.) ; and Tait and Préaux, Ostraca, nos. 2084 seqq. With the spelling Mouxurágar in 22, cf. PSI 739, 6 (2nd cent.).
2423. $36.5 \times 21.5 \mathrm{~cm}$. Second to third century. Recto written along, verso across the fibres; the quality of the papyrus is poor. Private accounts from Choiach rst to 24th; headed on the recto 'account of receipts and expenditures', but the latter only are recorded. (Cf. P. Groning. II (second century); 2026 (sixth century), and editors' note there; P. Princet. $96,3 x ; 78 ; 80 \mathrm{seq}$. (sixth century) and introd. to the latter.) The total of each day's expenditures is given beneath; several columns have the sum of these totals added at the foot. Col. $i$ of the verso begins with supplementary items for days previously recorded. The sums are often inaccurate. The first two columns of the recto are here given in full.

Recto i






 ( $\tau \epsilon \tau \rho \omega \dot{\beta}$.)

## ii







 ( $\delta \rho$. ) a ${ }^{30} \zeta$. . 5

The recurring item 'Oaoirp presumably refers to a workman or merchant from the Oasis.





 atims? This occurs in BGU io80, io (3rd cent.)) 48 dr ., by far the largest single item of expenditure




 tt. v 12; hardly stools', since the price is very low; in vs. iv 19, 2 dr . I chak.), , fop wheat, ibid. 36 , 19; Sarapa(s?), ibid. 21.
2424. $26 \times 39 \mathrm{~cm}$. Recto: list of articles, second to third century; written along the fibres; three separate hands can be distinguished, of which the first is large and semi-literary, the second smaller and with a steep backward slope, and the third sloping slightly forward. The list is followed, on the same side, by a much damaged tachygraphic text, evidently similar to that on the verso, which is in even worse condition.
i





 previous line are perhaps one entry) ${ }^{21}[\pi \rho o \sigma] \kappa \in \phi \alpha^{\prime} \lambda \iota \nu(1 .-\alpha \iota \nu \nu)$ vinoo $\phi v p[i \delta \iota(0) \nu$ ?
 ii




 ${ }^{41}$ §

2425. Private account, on the verso of 2415 , upside down in relation to it. Written in a coarse hand, apparently at different times, across the fibres. Third to fourth century. Remains of four columns; only the ends of hines of col. i are left;
col. iv, consisting of three lines, ends the document. The entries, which are dated, cover a period of about a month and a half; the majority consist of the words eis गivv


 other items of interest are: $\epsilon i s ~ \tau o ̀ ~ \lambda \alpha \gamma v \nu()(=\lambda a ́ \gamma v \nu(o v)$ or $(-\omega \nu \nu)$ ?) $\kappa \beta$ in ii 3 ( $\kappa a$, iii 15 ); and roîs кouráq $\tau$ oss in iii 9 , probably 'provisions', rather than 'furlough', the sense which the word bears in 1666, 14 ; P. Giss. 41,4 ; P. Mich. 466,39 .

## INDEXES

（The figures 23 are to be supplied before 83－99，24 before 00－25；figures in small raised type refer to fragments，small roman figures to columns；an asterisk indicates that the word to which it is attached is not recorded in the ninth edition of Liddell and sartly Greek－English Lexicon；square brackets indicate that a word is wholly or partly supplied from other sources or by co

I．NEW LITERARY TEXTS
（a）Alcman，Callimachus，etc．2387－98

|  <br>  <br>  <br>  <br>  <br> ${ }^{7}(b)[3], 4,5,7$. <br>  <br> дарркі́с $89^{\circ} \mathrm{i}$ I4． <br>  <br> à $\gamma x$ iadoc $\left[89{ }^{25}\right.$ ii 19$]$ ． <br> －аүано́c $90^{14} 4$（？）． <br> дัүáv $87^{18} 8$（？）． <br> ádon oc $90^{2}$ ii 15 ． <br> áSááкрттoc $90^{2}$ iiii 23. <br>  <br>  ［20－21］． <br>  <br> 就Kuv $95^{1}$ I4． <br>  <br> A月avar－91 ${ }^{36} 3($（ $)$ ． <br> 月月干̃var $87^{15} 9$ ． <br> ＂$\theta$ россца $93{ }^{1} 7$ ． <br>  <br> ai $87^{3}$ iii 17， $19 ~ 955^{1}$ II（？）． <br> aiy入áecc $87^{3}$ ii 6 ． <br> แ๐ђ［ $\lambda 88^{4} 5$（？）． <br> aỉotéctator $\left[89^{3(a)} 4\right]$ ． <br> aitýtoc［97 $\left.{ }^{5} 5\right]$ ． <br>  <br>  <br> aipetiv $87{ }^{8}$ ii 15 ． <br> aireiv $95^{1}$ II． <br> Airalia［89 ${ }^{35}$ ii 16］． <br> Aitwhexóe $89{ }^{25}$ ii 18 ． <br> Aírù入óc $89{ }^{35}$ ii 17 ． <br> аіххита́c $93^{11} 6$ ． | aitua $87^{3}$ ii $21 \quad 94^{1(b)}$ ii 6. वкко́dov $\theta$ oc $91{ }^{23} 5$ ． <br>  <br> $89^{32} 4^{97} 7^{r(a)}$ ii 4 ． <br> А $А$ каîoc $\left[91^{21(a)} 5(\mathrm{P})\right]$ ． <br>  <br> ii 26 ，iii $9 \quad 90^{34} 7922$. <br> à $\lambda \lambda a^{8} 87^{\text {siiii }}$ Io（？） $897^{(b)}{ }_{4} 89^{\circ}$ <br> i II $90^{2}$ ii 8,12 ， 13 ，iii 23,27 <br> $91^{36}{ }_{4} 95{ }^{1} 16(?) 98314$. <br>  <br> व $\lambda$ 入ac $95^{1} 16$（？）． <br>  <br> ä $\mu$ ар $90^{8}$ iii 27 ． <br> ả $\mu \beta$ р́́ctoc $89{ }^{6}$ ii $2,25-26$. <br>  <br> ад цєиса［87 ${ }^{11}$ 4］． <br> มٌ $\mu \mu$ ต́vเс 962 ． <br> \＃циклаи $91{ }^{21(b)}$ хо． <br> $\dot{\alpha} \mu \nu \mu\left[95^{1} 17\right.$ 。 <br> а́ $\mu$ ф ＇Водос $89^{1} 15$ ． <br> д̀ $\mu$ ф́́тєрос $89^{8}$ і $7-8,9$ ． <br>  <br> àvayıvécкєь $90^{2}$ ii $5-6$ ． <br> àvá $\delta \eta \mu a 94^{2(c)} 4$. <br> ávaxap $94^{1(b)}$ ii 6 ． <br> àrfoóá $\mu a c$［ $89^{4}$ ii I $]$ ． <br> àvóáv $\left[87^{3(a)} \mathrm{i} \mathrm{Yo(?)}\right]$ ． <br> ànjp $89^{9}$ i $1490^{2}$ ii 10 ， 10 ． <br> ávci $89^{1} 1^{1} 90^{2}$ iii $2 \mathrm{I} 90^{33(c)} 2$ ． <br> àvrlypaфou（ $87{ }^{1}$ 2 2 ）． <br> à $\nu \tau \lambda \lambda \in \epsilon^{\prime} \varphi \epsilon \nu 89^{8(b)} 4$ ． <br>  <br> аитіфарес $89{ }^{\circ} \mathrm{i}$ 8＊。 <br> doußd $87^{12} 2$. <br> ára入óc $87^{1}$ 1o $87^{3}$ ii 8,20 ． <br>  | àтєрíypatтoc（ $87^{1} 5$ ）． <br>  <br> ȧmó［ $87^{1}$ خ］ $90^{2}$ iii 6. <br>  <br> аітофєи́yєєข $90{ }^{1(a)} 7$ ． <br> ápүupic $87^{3}$ ii 17 ． <br> а́р $ү$ ррос $91^{4} 2$. <br> Aрістархос $89^{6}$ i 7. <br> Аристо́иикас（87 ${ }^{1}$ 4）． <br> ápıctoc $90^{2}$ ii $14 \quad 97^{10}$ I． <br>  <br>  <br>  <br> ápxectal $90^{2} \mathrm{iii} 7$ ． <br> $\dot{\alpha} \rho \chi^{\prime}{ }^{\prime} 90^{2}$ iii $8,14,16,20$. <br> Ácáva $87{ }^{18} 5($ ？$)$ ． <br> ácávaтoc $877^{13} 5$（？） $89^{1} 4$ ． <br> Acía $87{ }^{23} 2$. <br> dंcrúp $87^{3}$ ii 6 ． <br>  <br> асти $87{ }^{23} 5$（？）． <br> Астицйдогса $87^{3}$ ii $4, ~ І з . ~$ <br> áraخóc $95^{11 \mathrm{II}}$（？）． <br> à $\tau \dot{a} p 97^{7(a)}$ ii 3 ． <br> Arapvídec $89{ }^{6}$ ii 8－9． <br>  <br> aтє $89^{\circ}{ }^{\circ} \mathrm{ii} 29$. <br>  <br> aùvóc $89^{6}$ ii $689^{\circ} \mathrm{i}$ II 90 <br>  <br> A ${ }^{2}$ ро $\delta i \tau \eta 90^{2}$ ii 4. <br> ä $\left.\chi \in \subset \theta a u 5^{1} \eta( \}\right)$ ． <br> スАх <br> 反адúфp $87^{3}$ ii 22. |
| :---: | :---: | :---: |




| öc $97^{3(a)}$ i $9 \quad 9815$ ． <br> остє $88^{1} \mathrm{To}($ ？$)$. <br> ${ }_{\circ}^{\circ} \tau \epsilon 89^{9}$ i 7 ． <br> ${ }_{\circ}^{\circ} \mathrm{T} 489^{3(a)} 889^{7(b)} 8 \quad\left[89^{\circ} \mathrm{i} 7\right]$ <br> $97^{3(a)}$ i 7. <br> คท่ $89^{3(a)} 8 \quad 89^{7(b)} 6 \quad 90^{2}$ ii 9, <br> II，iii $27 \quad 90^{50(c)}{ }_{15}, 16 \quad 88$ <br> 2（？）， 12. <br> － 0 \＆ $687^{3}$ ii $388^{1}$ I2 $88^{5} 789^{\circ}$ <br> i $1490{ }^{2}$ ii $2(?), 7,8$ ， 10,12 ． ${ }^{\text {ov̉ }} \mathrm{E}$ 化 $87^{3}$ ii $4 \quad 89^{7(b)} 9 \quad 94^{1(b)}$ 14. ouv $90^{2}$ iii $9,24$. <br> －บ̌̃oc（ $87^{1}$ 2） $89^{6}$ i8，19，ii 7 <br> $89^{7(a)}$ i $3 \quad 90^{2}$ ii $25-26$ ，iii 29 $90^{\text {50 }(c)} 22$ ． <br> ойтแ๐ $89^{3(b)} 5 \quad 89^{6}$ i 2，ii 16 <br> $90^{50(c)} \mathrm{I} 5\left(94^{1(a)} \mathrm{i} 5\right)$ ． <br> ò $\phi \in \lambda\left[{ }^{95}{ }^{1}{ }^{17}\right.$ ． <br> ${ }_{0}^{6} 487^{1} 4$ ． <br> $\pi$ raic $87^{5}$ ii $22,24 \quad 90^{2}$ ii 14,18 $95^{11}$ II． <br> $\pi{ }^{\alpha}{ }^{\alpha} \iota v 91{ }^{23} 9($ P）． <br> Пavaкpic［97 ${ }^{14(a)}$ 2］． <br> тantaives $94^{(b)}$ ii 5 ． <br> тapá $91^{9}{ }^{9} 594^{(b)}$ ii $794^{2(a)} 4$ $97^{3(a)}{ }^{14}$ ． <br>  <br> тарєүүра́фєєข $\left(87{ }^{1}\right.$ 2）． <br> тарєî̀aц $89{ }^{7(b)} 6$. <br> тарévoc $88^{\circ} \mathrm{i} 9$. <br> $\pi \alpha \rho \theta$ évoc $89^{7(6)}{ }_{2}$ ，บo $89^{35} \mathrm{i} 9$ ． тарtévac $90^{2}$ iii $x_{3}$ ． <br> тарıčával $90^{2}$ ii 3. <br> тарсєики́ $877^{3 i}$ ii $г$ ． <br> тарсеvicкп［94 ${ }^{\text {2（a）}}$ 8］，（14）． <br>  16， 17. <br> $\pi \epsilon \delta a 87^{1} 8$（？） $90^{2}$ ii то． <br> $\pi$ т弓̆́ $97{ }^{8} 4$ ． <br> Пèecác $899^{6}$ ii 14， 21. <br> те́лєкис［97 ${ }^{5} 5$ ］． <br>  <br> $\pi є ́ \mu \pi т а с ~(87 ~ ¹ ~ 3) . ~ . ~$ <br> $\pi \in \nu \theta \in \rho \circ ́^{c} 91^{21(a)} 2,[3]$ ． <br>  $97^{\mathrm{s}(a)} \mathrm{i}$ io． <br> тєрьүра́ ${ }^{\prime} \epsilon \nu\left(87{ }^{1} 4\right)$ ． <br> $\pi$ тірас $\left[87^{1{ }^{12}}\right.$ 2］． <br> Пıт́áv，Пıгаиâtıc $89{ }^{35} \mathrm{i} 3,7,8$ ， io（？），II． <br> $\Pi \lambda e c a ́ c ~ 89{ }^{6}$ ii 20 ． <br> $\pi \lambda \varepsilon$ ioc $94^{\text {a }}{ }^{(c)} 5$（？）． | ```тл \(\lambda\) єорáккс [ \(89{ }^{8}\) ii 8 ]. \(\pi \lambda \eta c i o v 90^{2}\) ii 7 . \(\pi \lambda\) oúcooc \(94^{1(a)}{ }^{14} 4\), (4). тоєєiv \(91^{2} 2\). поітсис \(93^{2} 6\) (?). токкїос \(88^{17} 7\). толе \(\mu к о\) с́ [ \(88^{1}{ }^{1} 7(\mathrm{P})\) ]. то́дєнос \(97^{7(a)}\) ii II.```  ```modera \(91^{38}{ }_{2}\). Подиঠќúкクс \(90^{1(a)} 3,9\).```    ```\(15,{ }^{16} 94^{11} 1\). по́vтос \(89^{6} \mathrm{i} 19\). ло́рос \(90^{2}\) iii 3 (?), 6,8, 12, 12-13, 14, 19, 24-25. то́ртис \(97^{12} 2\). пócoc \(87^{3}\) ii i. \(\pi\) то́тєрои \(\left[89^{1}{ }^{15}\right]\).```  ```тотlфарос \(89^{\circ} \mathrm{i}\) то. тои́e \(87^{1}\) io \(87^{3}\) ii 1o \(94^{2(a)}\) to. Прativac [89 \({ }^{35}\) i \(5(\) ( \()\) )].```  ```\(\pi \rho \in ́ c y u c 90^{2}\) iii \(z\).```   ```\(\pi \rho o ́ т \varepsilon р о с ~ 90{ }^{\text {² }}\) iii 28.```  ```Птодєраіос \(\left(87^{1}{ }^{4}\right.\) 4) \(97^{2}{ }^{1}\) б. \(\pi \tau 0 \lambda i \epsilon \theta \rho o \nu 977^{15} 8\). \(\pi v \theta \mu \eta_{\eta} 94^{1(b)}\) ii \(\eta\). тикıข́c \(94^{2(a)} 4^{-(c)} 6(?)\). \(\pi \cup \lambda \epsilon \epsilon \omega^{v} 87^{3}\) ii 5 . тиретóc \(\left.90{ }^{\text {50 (c }}\right)_{3}\) (?). \(\pi\) rwc \(87^{3}\) ii xg .```   ```cala \(\left[88^{2} 3\right.\).```  ```cávatoc \(87^{2}\) ii 2 . \(c \in \lambda \lambda_{\eta} \cdot{ }^{\prime} 90^{2}\) iii 22-23, 26. Cepárval \(88^{8} 4\).```  ```сі́ \({ }^{\circ}\) натос \(899^{3(a)} 593^{1} 8\). cloc \(87^{12} 7\) (?) \(89^{8(a)} 33^{93^{1}} 4\). Ciptoc \(899^{6}\) ii 18 .```  ```cко́тос \(90^{2}\) iii 21, 25, 26, 28.``` | coфóc $899^{9}$ i 9. cтaf $\mu{ }^{\circ} \boldsymbol{c}\left[97^{\mathrm{s}(a)} \mathrm{i} 9\right]$ ． ст＇́үoc［89 $\left.{ }^{3(a)} 5(\mathrm{P})\right]$ ． страто́c $87^{3}$ ii 13 ［ $88^{16(P)] . ~}$ «трє́фєєข $977^{\supset(a)}$ ii 10. cruy $97^{2(a)}$ ii 5 ． cú $90^{2}$ ii 7,8 ． <br>  cv $\boldsymbol{\sim} \lambda \eta \pi \pi \tau \kappa \times 89^{4}$ ii 5 ． cup ${ }^{\circ} \mathrm{op}\left[90^{1(c)} 6\right.$ ． <br>  cưy $90^{2}$ iii 28. <br>  evvoucia $91^{11(b)} 9$ ． टư申ap 98 II． cx $\in \delta o \partial^{\circ} 94^{1(b)}$ ii 8 ． <br> тáкยเข $87{ }^{1} 3$ ． такєpór $87^{3}$ ii I． tavaóc $87^{3}$ ii ıo． таvveliтepoc［94 ${ }^{2(a)}$ I3］． тарáccelv $90{ }^{\text {a }}$ iii $9-10$. $\tau \in 87^{3}$ ii $589^{\circ} \mathrm{i}$ ro， $1289^{35}$ ii $19 \quad 90^{2}$ iii $26 \quad\left(94^{1(a)}{ }^{14}\right)$ $94^{2(a)} 3$. <br> Tヒ́ץoć $89^{3(a)} 5\left[933^{1} 8\right]$ ． $\tau \in \bar{i} \bar{\epsilon} 85^{1} \mathrm{II}($（ ）$)$. <br> $\tau \in i ́ p \in \nu\left[89^{7}(b) 3, \mathrm{II}\right]$ ． <br>  15，19－20， 25. <br> $\tau \in \lambda \epsilon \tau \bar{\prime}\left[89^{1} 4\right]$ ． <br> тéloc $90^{2}$ iii $15,16,20$ ． <br> $\tau \epsilon \operatorname{\epsilon } \pi \epsilon \nu 89^{1} 5$ ． <br> $T$ ยûkpoc $97{ }^{156} 6$ ． <br> тeīXoc $97^{9(a)}$ ii 9,12 ． <br> $\tau \in \chi^{\nu i} \tau \eta c 90^{2}$ iii 19. <br> $\tau$ térac $94{ }^{2(c)} 6$ ． <br>  тィ $\mu \hat{\nu}$ и $89{ }^{1} 7$. <br> $\left.т \mu \nu \eta^{[89}{ }^{1} 13\right]$ ． <br> тuváccelv $87^{1} 9$ ． <br> Tuc $87^{3}$ ii $3,6 \quad 90^{2}$ i 24 ，ii 粎， <br> iii 8 ，II $97^{8} 4$ ． <br> тоюûtoc $89{ }^{\text {s }}$ ii 30 ． <br> т pítoc $90^{2}{ }^{2} \mathrm{iii} 21,26$. <br>  <br> Tpúćc $97^{3(a)}$ i 7 ． <br> Tvuסapiônc 89 ＂ii 8. <br> Tupavicu $90^{2}$ ii 5 ． <br> ü $p$ ptc $89^{11} 17$. <br> चimp $94^{\text {z }(a)}$ I2． <br> vióc $90^{2}$ ii 19 ． <br> ジスๆ $90^{3}$ iii $7,9,18,24$. |
| :---: | :---: | :---: |



ขu
$\dot{\sim} \pi \in \in\left[80^{2}\right.$ ii 23 ．

úntó $89^{3(b)} 6$（？） $90^{2}$ iii 24 ．


 II 914 4， 5.

－ф＇िpelv $89^{\circ} \mathrm{i}$ ro $90^{14} 6$ ．

$\phi$ Aoc $^{81} 7^{3}$ ii 1 ．


Aya：oordins［99 10］．


a Mos 99 I7．


àvapetiv 007 ．
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аиөротоs $9952,60,79$ ．
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avew 99 rg ．
à $\mathfrak{\xi}$ tópaxos 99 30．

ảmó 9978.
атоката［ 9991.
токтеірец 003 －
доध́Réa 00 I了．
ứrós 99 23，31，64，76， 96.
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